

Converting Colors

Yxy(91.5528, 0.3040, 0.3273)

Have a look what the booklet for
Yxy(91.5528, 0.3040, 0.3273)
contains.

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Color

Yxy(91.6365, 0.3040, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EBF8F9
RGB	235, 248, 249
RGB Percent	92%, 97%, 98%
CMY	0.0783, 0.0275, 0.0236
CMYK	0.06, 0.00, 0.00, 0.02
HSL	184°, 54%, 95%
HSV	184°, 6%, 98%
XYZ	84.9314, 91.6365, 102.8117
YIQ	244.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

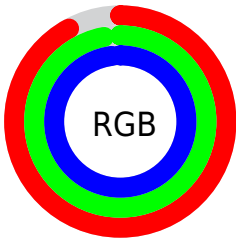
Format	Color
R _Y B	235, 242, 249
Decimal	15464697
CIE Lab	96.67, -4.06, -1.95
CIE LCh	97, 4.504, 205.654
Yxy	91.6365, 0.3040, 0.3280
Android (android.graphics.Color)	4293654777 (0xFFEBF8F9)
YUV	244.2270, 2.3531, -8.0921
Hunter-Lab	95.7270, -9.1524, 3.3308

Details

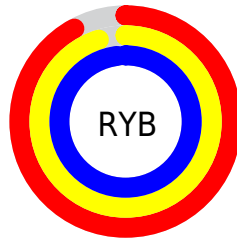
The Yxy color **91.6365, 0.3040, 0.3280** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1304, 0.3220, 0.3300**, and the grayscale version is **90.6487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1332, 0.3016, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **86.6286, 0.2889, 0.3261**, and if you desaturate by 10%, it is **96.3082, 0.3165, 0.3297**.

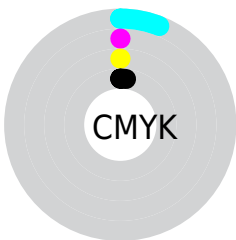
Distribution



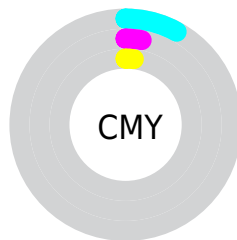
- Red (92%)
- Green (97%)
- Blue (98%)



- Red (92%)
- Yellow (95%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)




- Cyan (8%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6365, 0.3040, 0.3280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.6365, 0.3040, 0.3280 by changing the saturation by 10% instead.

 91.6365, 0.3040,
0.3280

 91.6365, 0.3040,
0.3280


533.3401, 0.3079,
0.3285

 69.3388, 0.3032,
0.3279

149.6095, 0.3053,
0.3282

 50.9876, 0.3021,
0.3278

186.0535, 0.3058,
0.3282

 36.1988, 0.3009,
0.3276


227.9818, 0.3063,
0.3283

 24.5877, 0.2992,
0.3274

275.7786, 0.3067,
0.3283

 15.7702, 0.2971,
0.3271

329.8285, 0.3070,
0.3284

 9.3617, 0.2942,
0.3267

390.5158, 0.3073,

 4.9778, 0.2899,

0.3284

458.2248, 0.3076,
0.3284

0.3261

2.2343, 0.2830,
0.3250

0.7386, 0.2642,
0.3237

91.6365, 0.3040,
0.3280

91.6365, 0.3040,
0.3280

86.6286, 0.2889,
0.3261

96.3082, 0.3165,
0.3297

82.1954, 0.2746,
0.3240

97.3937, 0.3164,
0.3314

78.3145, 0.2616,
0.3219

98.4892, 0.3163,
0.3331

74.9576, 0.2499,
0.3196

99.5947, 0.3162,
0.3347

72.0940, 0.2400,
0.3172

99.6180, 0.3162,
0.3348

69.6895, 0.2319,
0.3148

67.7056, 0.2258,
0.3124

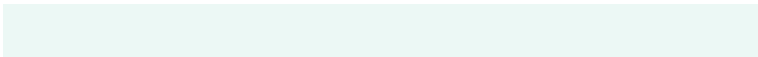
66.0972, 0.2216,
0.3100

64.8088, 0.2192,
0.3076

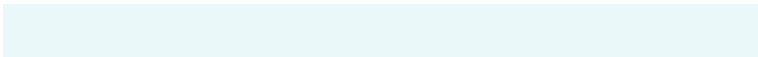
Harmonies

Analogous

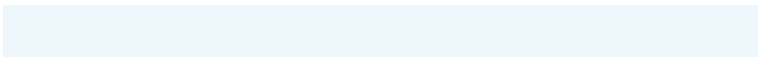
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6365, 0.3074, 0.3325



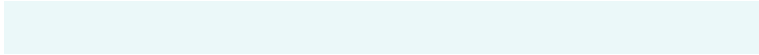
91.6365, 0.3040, 0.3280



91.6365, 0.3030, 0.3238

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.6365, 0.3040, 0.3280



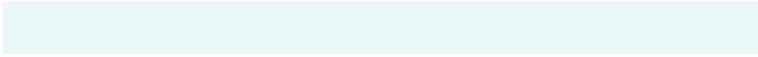
91.6365, 0.3132, 0.3221



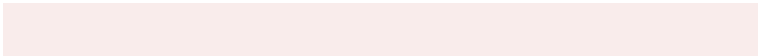
91.6365, 0.3210, 0.3370

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



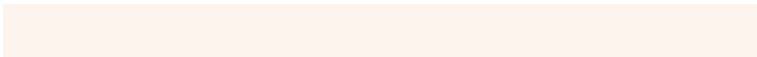
91.6365, 0.3040, 0.3280



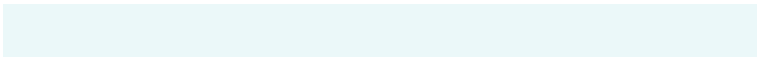
86.1304, 0.3220, 0.3300

Split Complementary

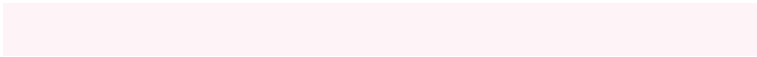
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6365, 0.3226, 0.3341



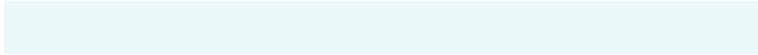
91.6365, 0.3040, 0.3280



91.6365, 0.3181, 0.3256

Square

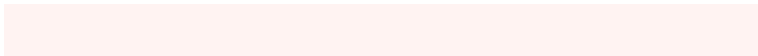
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.6365, 0.3040, 0.3280



91.6365, 0.3083, 0.3205



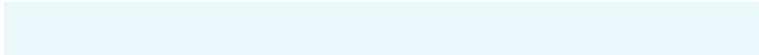
91.6365, 0.3215, 0.3299



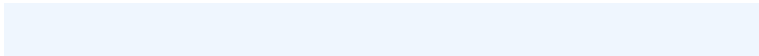
91.6365, 0.3171, 0.3377

Rectangle

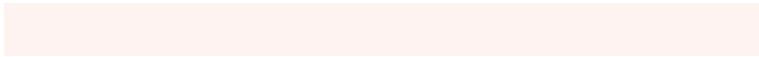
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



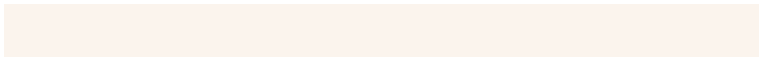
91.6365, 0.3040, 0.3280



91.6365, 0.3037, 0.3218



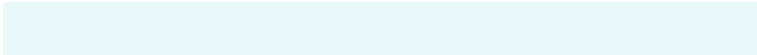
91.6365, 0.3215, 0.3299



91.6365, 0.3218, 0.3362

Sweetspot

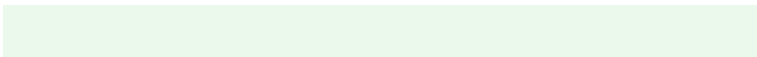
The Sweet Spot groups the original color and five complimentary colors.



91.6404, 0.3040, 0.3280



98.8182, 0.3096, 0.3287



91.4574, 0.3115, 0.3421



21.1636, 0.3097, 0.3287



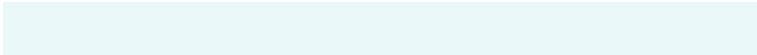
0.0000, 0.0000, 0.0000



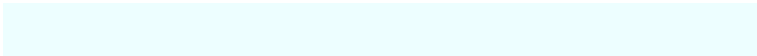
21.4041, 0.3127, 0.3290

Same Dimension

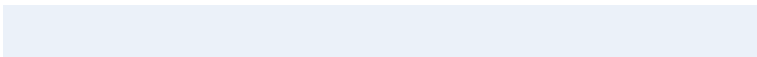
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6404, 0.3040, 0.3280



95.9766, 0.3018, 0.3277



87.4602, 0.3041, 0.3210



19.5994, 0.3009, 0.3276



34.5181, 0.2186, 0.3070



3.2575, 0.2194, 0.3098

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.3477, 0.3140, 0.3163



89.0551, 0.3143, 0.3130



90.1963, 0.3215, 0.3368



18.0688, 0.3144, 0.3117



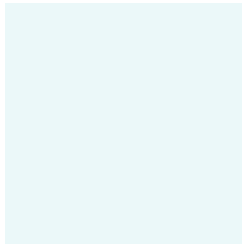
13.8955, 0.3393, 0.1643



1.2931, 0.3369, 0.1629

Previews

White Background



This preview shows how the Yxy color 91.6365, 0.3040, 0.3280 looks on a white background.

Color Contrast Check

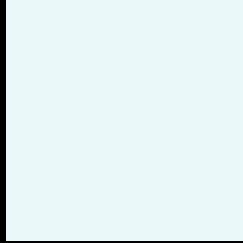
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.6365, 0.3040, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

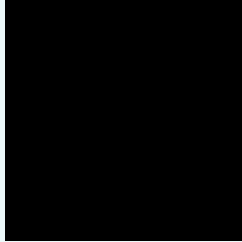
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

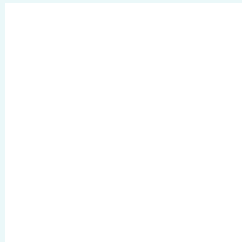
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6365, 0.3040, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 91.6365, 0.3040, 0.3280.

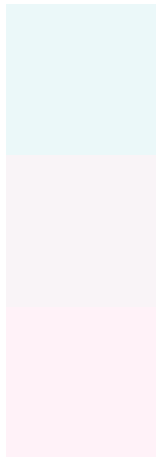


This preview shows how white text looks on a background with the Yxy color 91.6365, 0.3040, 0.3280.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.6365, 0.3040, 0.3280

Protanopia

91.5565, 0.3141, 0.3261

Deuteranopia

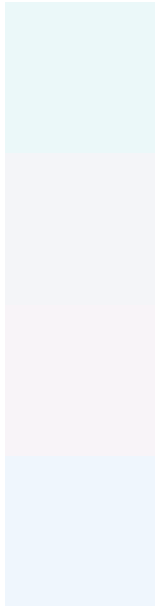
91.5416, 0.3176, 0.3232



Tritanopia

91.4021, 0.3049, 0.3192

Trichromacy



Original Color

91.6365, 0.3040, 0.3280

Protanomaly

91.3152, 0.3103, 0.3260

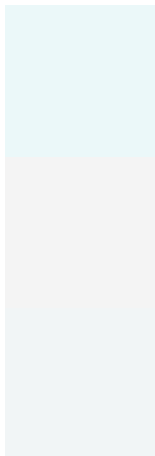
Deuteranomaly

91.4351, 0.3129, 0.3251

Tritanomaly

91.3541, 0.3042, 0.3221

Monochromacy



Original Color

91.6365, 0.3040, 0.3280

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.6594, 0.3096, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6365, 0.3040, 0.3280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 248, 249)` looks like.

```
.text, #text, p{  
    color:rgb(235, 248, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 248, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 248, 249) }
```

Border

The CSS property to change the border of an element to Yxy 91.6365, 0.3040, 0.3280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 248, 249) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(235, 248, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(235, 248, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 248, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 248, 249);  
box-shadow:4px 4px 4px 4px rgb(235, 248,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6365, 0.3040, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 248, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
248, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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