

Converting Colors

$Yxy(90.9406, 0.3057, 0.3290)$

Have a look what the booklet for
Yxy(90.9406, 0.3057, 0.3290)
contains.

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Color

Yxy(91.0698, 0.3058, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	ECF7F7
RGB	236, 247, 247
RGB Percent	93%, 97%, 97%
CMY	0.0743, 0.0314, 0.0315
CMYK	0.04, 0.00, 0.00, 0.03
HSL	180°, 41%, 95%
HSV	180°, 4%, 97%
XYZ	84.6479, 91.0698, 101.0902
YIQ	243.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

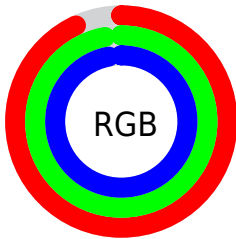
Format	Color
R _Y B	236, 242, 247
Decimal	15529975
CIE Lab	96.44, -3.59, -1.25
CIE LCh	96, 3.805, 199.181
Yxy	91.0698, 0.3058, 0.3290
Android (android.graphics.Color)	4293720055 (0xFFECEF7F7)
YUV	243.7110, 1.6215, -6.7625
Hunter-Lab	95.4305, -8.6720, 3.9950

Details

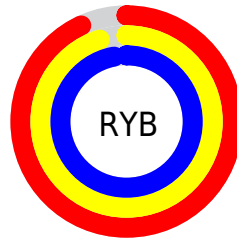
The Yxy color **91.0698, 0.3058, 0.3290** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8487, 0.3201, 0.3290**, and the grayscale version is **90.2207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7265, 0.3039, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **87.1299, 0.2908, 0.3290**, and if you desaturate by 10%, it is **94.4968, 0.3178, 0.3290**.

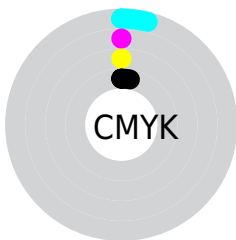
Distribution



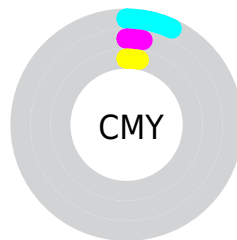
- Red (93%)
- Green (97%)
- Blue (97%)



- Red (93%)
- Yellow (95%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (7%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0698, 0.3058, 0.3290 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 91.0698, 0.3058, 0.3290 by changing the saturation by 10% instead.

 91.0698, 0.3058,
0.3290

 91.0698, 0.3058,
0.3290

531.5048, 0.3089,
0.3290

 68.8683, 0.3051,
0.3290


148.8235, 0.3068,
0.3290

 50.6044, 0.3043,
0.3290


185.1445, 0.3073,
0.3290

 35.8939, 0.3033,
0.3290


226.9407, 0.3076,
0.3290

 24.3523, 0.3020,
0.3290

274.5966, 0.3079,
0.3290

 15.5951, 0.3003,
0.3289

328.4966, 0.3082,
0.3290

 9.2381, 0.2979,
0.3289

389.0250, 0.3085,

 4.8968, 0.2945,

0.3290

456.5662, 0.3087,
0.3290

0.3288

2.1869, 0.2889,
0.3287

0.7128, 0.2723,
0.3291

91.0698, 0.3058,
0.3290

91.0698, 0.3058,
0.3290

87.1299, 0.2908,
0.3290

94.4968, 0.3178,
0.3290

83.7470, 0.2767,
0.3290

94.5000, 0.3178,
0.3289

80.8994, 0.2640,
0.3291


94.5032, 0.3178,
0.3289


78.5598, 0.2529,
0.3291


94.5064, 0.3177,
0.3288


 76.6981, 0.2436,
0.3291


 94.5096, 0.3177,
0.3288


 75.2815, 0.2361,
0.3292


 94.5128, 0.3177,
0.3287

 74.2728, 0.2307,
0.3292

 94.5160, 0.3176,
0.3287

 73.6286, 0.2272,
0.3293

 94.5192, 0.3176,
0.3286

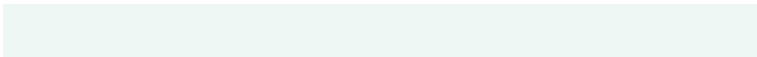
 73.2962, 0.2253,
0.3293

 94.5224, 0.3176,
0.3286

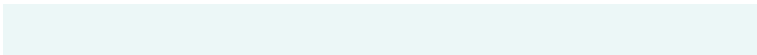
Harmonies

Analogous

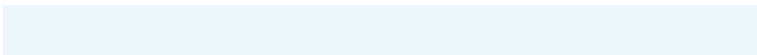
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0698, 0.3090, 0.3327



91.0698, 0.3058, 0.3290



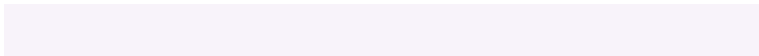
91.0698, 0.3045, 0.3253

Triad

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



91.0698, 0.3058, 0.3290



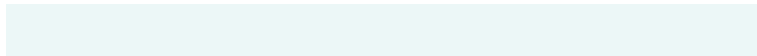
91.0698, 0.3122, 0.3227



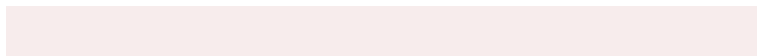
91.0698, 0.3202, 0.3354

Complementary

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



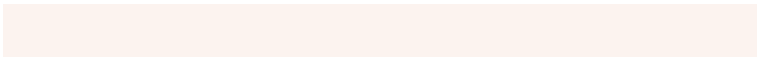
91.0698, 0.3058, 0.3290



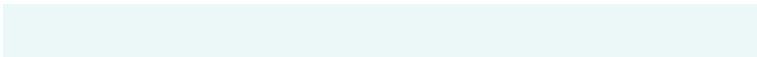
85.8487, 0.3201, 0.3290

Split Complementary

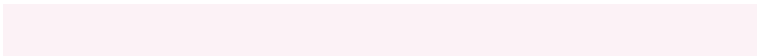
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0698, 0.3211, 0.3326



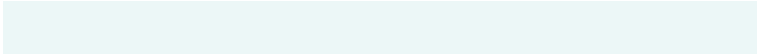
91.0698, 0.3058, 0.3290



91.0698, 0.3165, 0.3254

Square

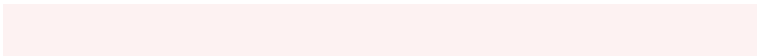
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.0698, 0.3058, 0.3290



91.0698, 0.3082, 0.3217



91.0698, 0.3197, 0.3290



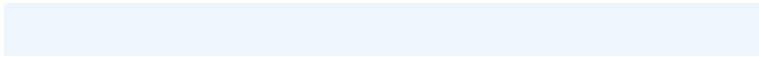
91.0698, 0.3173, 0.3364

Rectangle

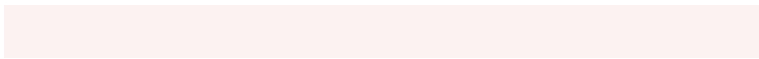
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.0698, 0.3058, 0.3290



91.0698, 0.3048, 0.3234



91.0698, 0.3197, 0.3290



91.0698, 0.3207, 0.3346

Sweetspot

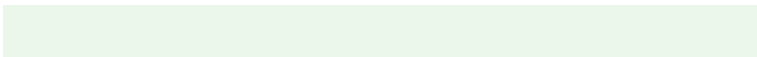
The Sweet Spot groups the original color and five complimentary colors.



91.0737, 0.3058, 0.3290



99.5192, 0.3111, 0.3290



90.4497, 0.3123, 0.3400



21.3063, 0.3112, 0.3290



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.



91.0737, 0.3058, 0.3290



97.6598, 0.3049, 0.3290



87.8824, 0.3059, 0.3237



19.0808, 0.3039, 0.3290



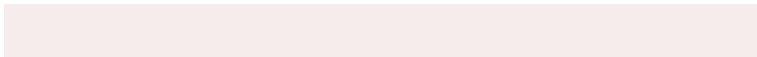
38.7160, 0.2248, 0.3294



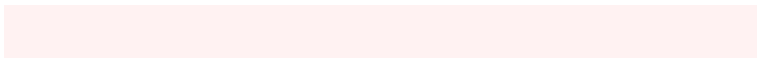
3.4030, 0.2248, 0.3293

Inverse Universe

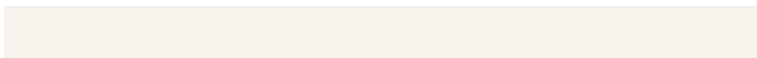
The Inverse Universe completely reimagines the original color for something new.



85.8487, 0.3201, 0.3290



91.3406, 0.3211, 0.3290



88.9425, 0.3197, 0.3343



17.6805, 0.3223, 0.3290



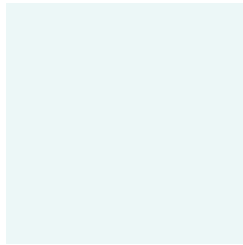
10.4588, 0.6399, 0.3298



0.9194, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 91.0698, 0.3058, 0.3290 looks on a white background.

Color Contrast Check

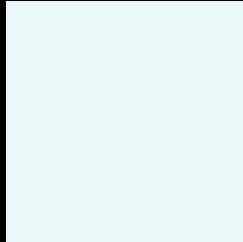
Large Text (above 18pt) WCAG AA × Fail

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 91.0698, 0.3058, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

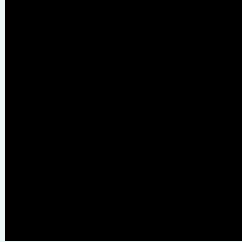
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

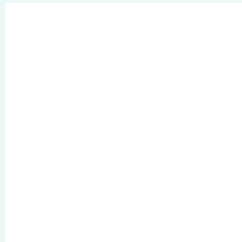
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0698, 0.3058, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 91.0698, 0.3058, 0.3290.

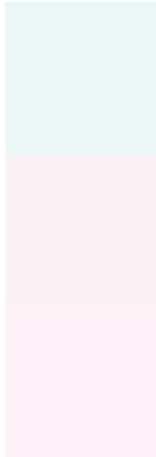


This preview shows how white text looks on a background with the Yxy color 91.0698, 0.3058, 0.3290.

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

91.0698, 0.3058, 0.3290

Protanopia

90.8335, 0.3154, 0.3271

Deuteranopia

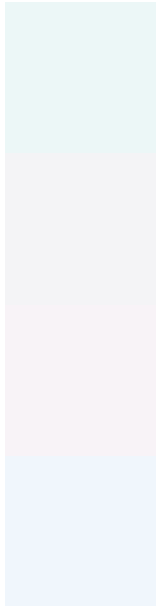
90.8860, 0.3182, 0.3232



Tritanopia

91.4021, 0.3049, 0.3192

Trichromacy



Original Color

91.0698, 0.3058, 0.3290

Protanomaly

90.5883, 0.3115, 0.3270

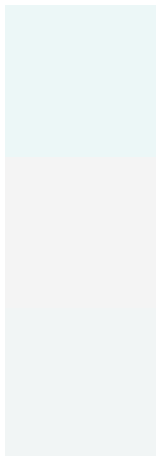
Deuteranomaly

90.7730, 0.3135, 0.3251

Tritanomaly

91.4651, 0.3054, 0.3231

Monochromacy



Original Color

91.0698, 0.3058, 0.3290

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5982, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0698, 0.3058, 0.3290 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(236, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 247, 247)  
}
```

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(236, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 247, 247) }
```

Border

The CSS property to change the border of an element to Yxy 91.0698, 0.3058, 0.3290 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(236, 247, 247) }
```

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

```
.border{ border-color:rgb(236, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(236, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(236, 247,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0698, 0.3058, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 247, 247) }
```

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

```
.background{ background-color: rgb(236,  
247, 247) }
```

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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