

Converting Colors

Yxy(91.4053, 0.3030, 0.3229)

Have a look what the booklet for
Yxy(91.4053, 0.3030, 0.3229)
contains.

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Color

Yxy(91.6179, 0.3029, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	EDF7FD
RGB	237, 247, 253
RGB Percent	93%, 97%, 99%
CMY	0.0706, 0.0314, 0.0077
CMYK	0.06, 0.02, 0.00, 0.01
HSL	203°, 80%, 96%
HSV	203°, 6%, 99%
XYZ	85.9166, 91.6179, 106.1122
YIQ	244.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

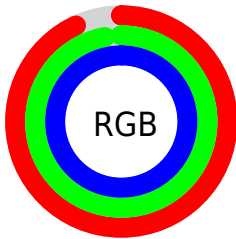
Format	Color
R _Y B	237, 243, 253
Decimal	15595517
CIE Lab	96.66, -2.17, -4.04
CIE LCh	97, 4.588, 241.736
Yxy	91.6179, 0.3029, 0.3230
Android (android.graphics.Color)	4293785597 (0xFFEDF7FD)
YUV	244.6940, 4.0949, -6.7476
Hunter-Lab	95.7172, -7.2821, 1.2731

Details

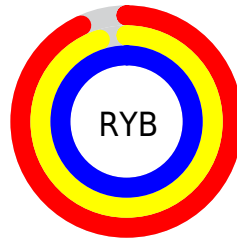
The Yxy color **91.6179, 0.3029, 0.3230** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.1156, 0.3230, 0.3349**, and the grayscale version is **91.0259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0709, 0.3010, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **81.9013, 0.2872, 0.3127**, and if you desaturate by 10%, it is **99.8741, 0.3138, 0.3309**.

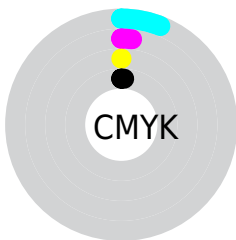
Distribution



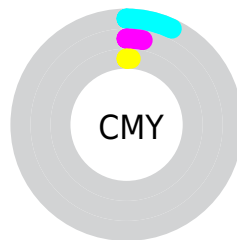
- Red (93%)
- Green (97%)
- Blue (99%)



- Red (93%)
- Yellow (95%)
- Blue (99%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (7%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6179, 0.3029, 0.3230 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 91.6179, 0.3029, 0.3230 by changing the saturation by 10% instead.


 91.6179, 0.3029,
0.3230

 91.6179, 0.3029,
0.3230


533.2799, 0.3073,
0.3257

 69.3233, 0.3019,
0.3224


149.5837, 0.3044,
0.3239

 50.9751, 0.3008,
0.3217

186.0237, 0.3050,
0.3243

 36.1888, 0.2994,
0.3208


227.9476, 0.3055,
0.3246

 24.5800, 0.2975,
0.3196

275.7399, 0.3059,
0.3249

 15.7644, 0.2951,
0.3181

329.7848, 0.3063,
0.3251

 9.3576, 0.2918,
0.3160

390.4669, 0.3067,

 4.9752, 0.2870,

0.3253

0.3129

458.1704, 0.3070,
0.3255

■ 2.2327, 0.2793,
0.3079

■ 0.7377, 0.2617,
0.2979

■ 91.6179, 0.3029,
0.3230

■ 91.6179, 0.3029,
0.3230

■ 81.9013, 0.2872,
0.3127

99.8741, 0.3138,
0.3309

■ 73.0619, 0.2714,
0.3013

■ 65.0718, 0.2560,
0.2890

■ 57.8969, 0.2412,
0.2757

■ 51.5001, 0.2274,
0.2617

■ 45.8410, 0.2152,
0.2472

■ 40.8739, 0.2048,
0.2325

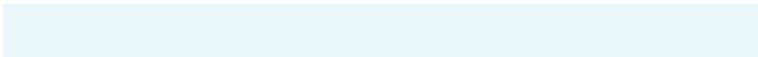
■ 36.5465, 0.1965,
0.2178

■ 32.7943, 0.1903,
0.2035

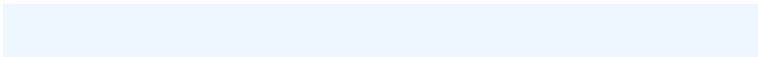
Harmonies

Analogous

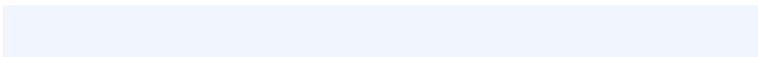
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6179, 0.3034, 0.3270



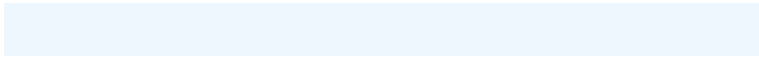
91.6179, 0.3029, 0.3230



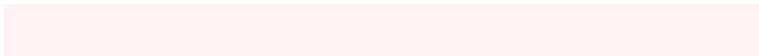
91.6179, 0.3050, 0.3206

Triad

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



91.6179, 0.3029, 0.3230



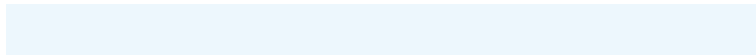
91.6179, 0.3191, 0.3264



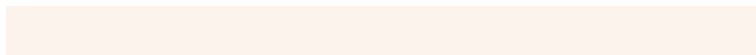
91.6179, 0.3162, 0.3377

Complementary

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



91.6179, 0.3029, 0.3230



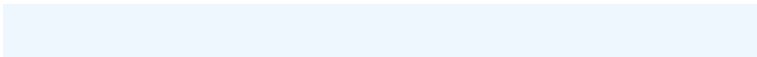
91.1156, 0.3230, 0.3349

Split Complementary

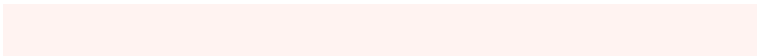
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6179, 0.3205, 0.3375



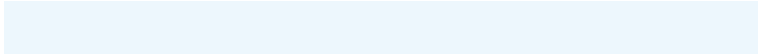
91.6179, 0.3029, 0.3230



91.6179, 0.3221, 0.3309

Square

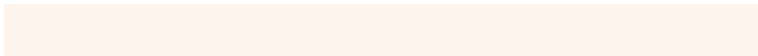
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



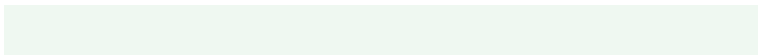
91.6179, 0.3029, 0.3230



91.6179, 0.3143, 0.3226



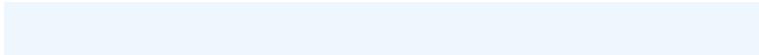
91.6179, 0.3226, 0.3349



91.6179, 0.3111, 0.3356

Rectangle

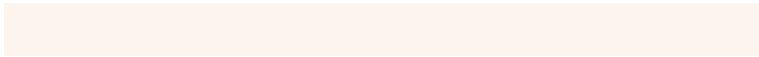
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.6179, 0.3029, 0.3230



91.6179, 0.3076, 0.3203



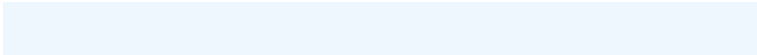
91.6179, 0.3226, 0.3349



91.6179, 0.3178, 0.3379

Sweetspot

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



91.6218, 0.3029, 0.3230



97.8289, 0.3096, 0.3272



94.7389, 0.3086, 0.3391



20.9622, 0.3098, 0.3272



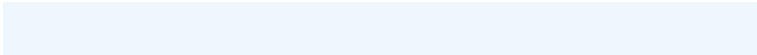
0.0000, 0.0000, 0.0000



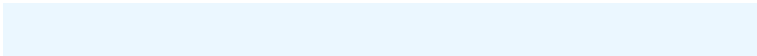
21.4041, 0.3127, 0.3290

Same Dimension

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



91.6218, 0.3029, 0.3230



91.5403, 0.3003, 0.3214



86.9053, 0.3030, 0.3151



19.2671, 0.2979, 0.3199



17.0578, 0.1891, 0.2007



1.8711, 0.1936, 0.2169

Inverse Universe

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



88.1672, 0.3172, 0.3193



87.1839, 0.3184, 0.3167



95.9323, 0.3223, 0.3425



18.1778, 0.3196, 0.3143



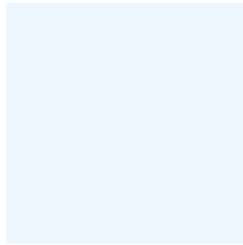
12.4500, 0.4445, 0.2223



1.2334, 0.4266, 0.2124

Previews

White Background



This preview shows how the Yxy color 91.6179, 0.3029, 0.3230 looks on a white background.

Color Contrast Check

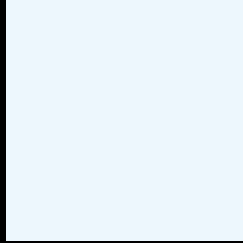
Large Text (above 18pt) WCAG AA × Fail

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 91.6179, 0.3029, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

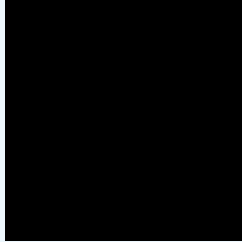
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

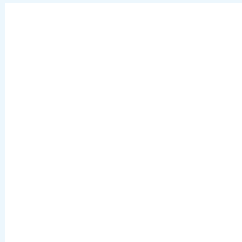
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6179, 0.3029, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 91.6179, 0.3029, 0.3230.

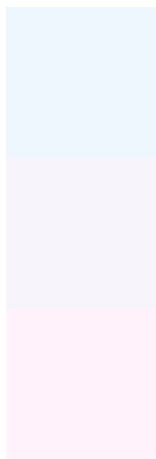


This preview shows how white text looks on a background with the Yxy color 91.6179, 0.3029, 0.3230.

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

91.6179, 0.3029, 0.3230

Protanopia

91.6229, 0.3111, 0.3222

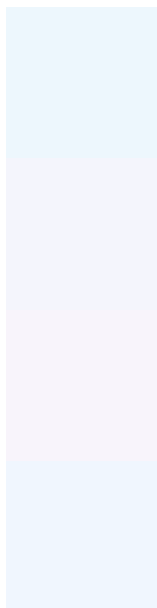
Deuteranopia

91.6664, 0.3163, 0.3213

Tritanopia

91.4021, 0.3049, 0.3192

Trichromacy



Original Color

91.6179, 0.3029, 0.3230

Protanomaly

91.5662, 0.3079, 0.3221

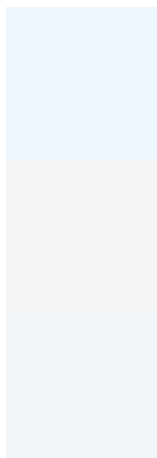
Deuteranomaly

91.6229, 0.3111, 0.3222

Tritanomaly

91.5926, 0.3042, 0.3211

Monochromacy



Original Color

91.6179, 0.3029, 0.3230

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.5661, 0.3090, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6179, 0.3029, 0.3230 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(237, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(237, 247, 253)  
}
```

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(237, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 247, 253) }
```

Border

The CSS property to change the border of an element to Yxy 91.6179, 0.3029, 0.3230 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(237, 247, 253) }
```

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

```
.border{ border-color:rgb(237, 247, 253) }
```

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

Here you see how a box with a 4 pixel rgb(237, 247, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(237, 247,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6179, 0.3029, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 247, 253) }
```

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

```
.background{ background-color: rgb(237,  
247, 253) }
```

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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