

Converting Colors

Yxy(91.4053, 0.3034, 0.3219)

Have a look what the booklet for
Yxy(91.4053, 0.3034, 0.3219)
contains.

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Color

Yxy(91.1805, 0.3036, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	EEF6FD
RGB	238, 246, 253
RGB Percent	93%, 96%, 99%
CMY	0.0666, 0.0353, 0.0080
CMYK	0.06, 0.03, 0.00, 0.01
HSL	208°, 78%, 96%
HSV	208°, 6%, 99%
XYZ	85.9435, 91.1805, 105.9573
YIQ	244.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

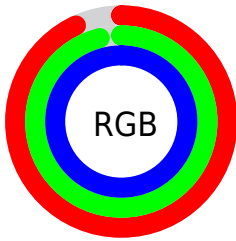
Format	Color
R _Y B	238, 243, 253
Decimal	15660797
CIE Lab	96.48, -1.35, -4.25
CIE LCh	96, 4.462, 252.418
Yxy	91.1805, 0.3036, 0.3221
Android (android.graphics.Color)	4293850877 (0xFFEEF6FD)
YUV	244.4060, 4.2368, -5.6181
Hunter-Lab	95.4885, -6.4476, 1.0517

Details

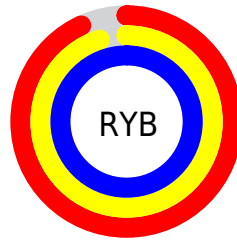
The Yxy color **91.1805, 0.3036, 0.3221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.3327, 0.3221, 0.3358**, and the grayscale version is **90.7812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7575, 0.3018, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **80.1750, 0.2877, 0.3093**, and if you desaturate by 10%, it is **99.8688, 0.3139, 0.3310**.

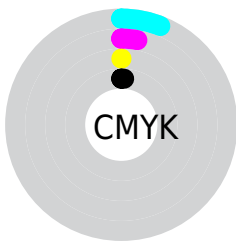
Distribution



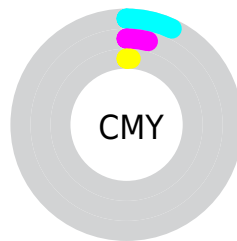
- Red (93%)
- Green (96%)
- Blue (99%)



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



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)





- Cyan (7%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.1805, 0.3036, 0.3221 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 91.1805, 0.3036, 0.3221 by changing the saturation by 10% instead.

 91.1805, 0.3036,
0.3221

 91.1805, 0.3036,
0.3221


531.8635, 0.3076,
0.3252

 68.9602, 0.3027,
0.3214

148.9771, 0.3050,
0.3231

 50.6793, 0.3016,
0.3206


185.3221, 0.3055,
0.3236

 35.9534, 0.3003,
0.3196


227.1442, 0.3060,
0.3239

 24.3982, 0.2986,
0.3183

274.8276, 0.3064,
0.3242

 15.6293, 0.2964,
0.3165

328.7569, 0.3068,
0.3245

 9.2622, 0.2933,
0.3141

389.3164, 0.3071,

 4.9126, 0.2888,

0.3248

0.3106

456.8905, 0.3074,
0.3250

■ 2.1961, 0.2815,
0.3049

■ 0.7179, 0.2650,
0.2929

■ 91.1805, 0.3036,
0.3221

■ 91.1805, 0.3036,
0.3221

■ 80.1750, 0.2877,
0.3093

99.8688, 0.3139,
0.3310

■ 70.2004, 0.2715,
0.2952

■ 61.2250, 0.2553,
0.2797

■ 53.2102, 0.2394,
0.2631

■ 46.1151, 0.2244,
0.2455

■ 39.8945, 0.2107,
0.2273

■ 34.4984, 0.1989,
0.2089

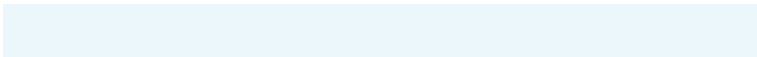
■ 29.8698, 0.1893,
0.1907

■ 25.9397, 0.1821,
0.1733

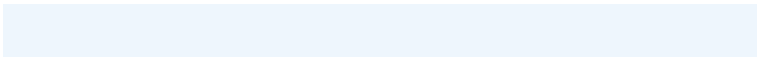
Harmonies

Analogous

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



91.1805, 0.3032, 0.3256



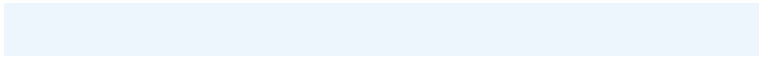
91.1805, 0.3036, 0.3221



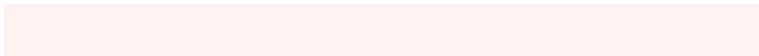
91.1805, 0.3064, 0.3205

Triad

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



91.1805, 0.3036, 0.3221



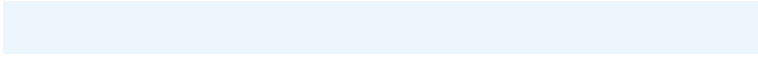
91.1805, 0.3202, 0.3280



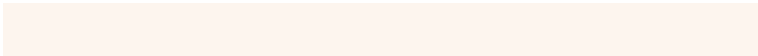
91.1805, 0.3144, 0.3370

Complementary

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



91.1805, 0.3036, 0.3221



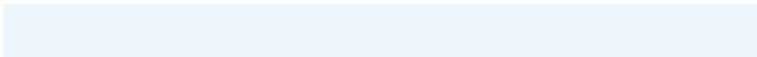
92.3327, 0.3221, 0.3358

Split Complementary

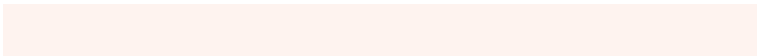
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1805, 0.3190, 0.3376



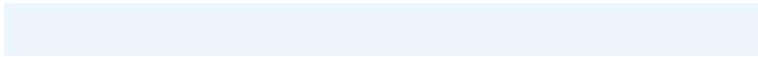
91.1805, 0.3036, 0.3221



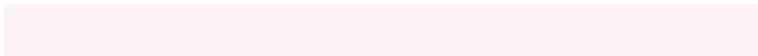
91.1805, 0.3224, 0.3323

Square

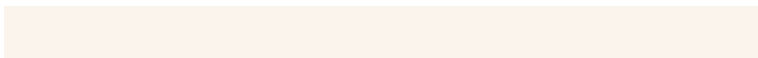
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



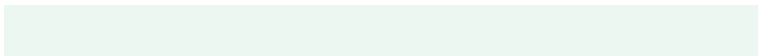
91.1805, 0.3036, 0.3221



91.1805, 0.3160, 0.3239



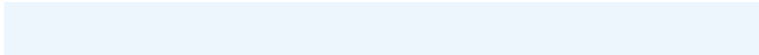
91.1805, 0.3219, 0.3359



91.1805, 0.3094, 0.3342

Rectangle

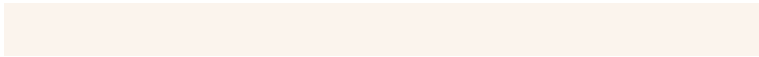
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.1805, 0.3036, 0.3221



91.1805, 0.3094, 0.3207



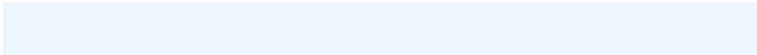
91.1805, 0.3219, 0.3359



91.1805, 0.3160, 0.3375

Sweetspot

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



91.1844, 0.3036, 0.3221



97.5410, 0.3097, 0.3267



94.9779, 0.3082, 0.3371



20.9037, 0.3098, 0.3268



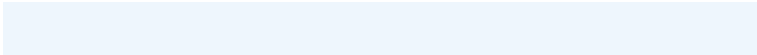
0.0000, 0.0000, 0.0000



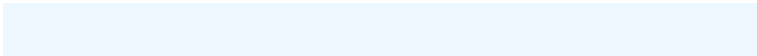
21.4041, 0.3127, 0.3290

Same Dimension

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



91.1844, 0.3036, 0.3221



91.5860, 0.3019, 0.3208



86.8658, 0.3037, 0.3149



19.4532, 0.3009, 0.3200



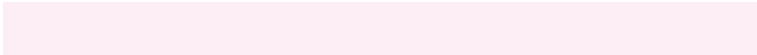
13.3299, 0.1803, 0.1692



1.5167, 0.1858, 0.1887

Inverse Universe

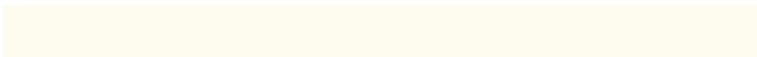
The Inverse Universe completely reimagines the original color for something new.



88.6886, 0.3177, 0.3212



88.6119, 0.3187, 0.3198



96.7982, 0.3215, 0.3428



18.7670, 0.3192, 0.3189



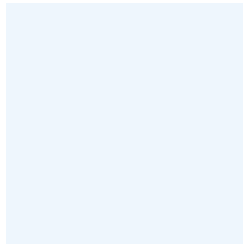
12.0736, 0.4817, 0.2427



1.1977, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 91.1805, 0.3036, 0.3221 looks on a white background.

Color Contrast Check

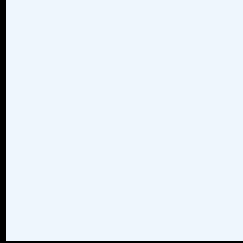
Large Text (above 18pt) WCAG AA × Fail

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 91.1805, 0.3036, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

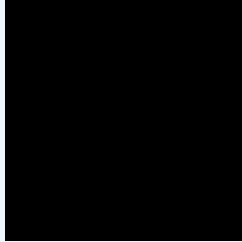
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

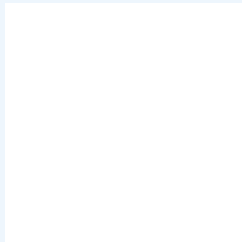
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1805, 0.3036, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 91.1805, 0.3036, 0.3221.

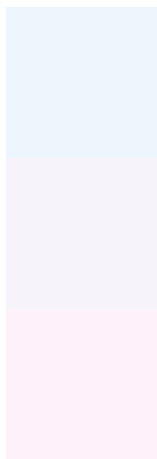


This preview shows how white text looks on a background with the Yxy color 91.1805, 0.3036, 0.3221.

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

91.1805, 0.3036, 0.3221

Protanopia

90.8404, 0.3105, 0.3212

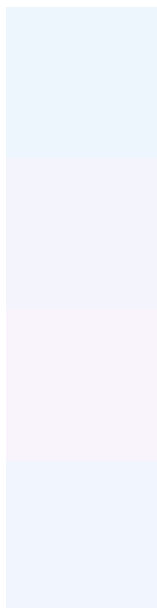
Deuteranopia

91.0727, 0.3164, 0.3203

Tritanopia

91.4021, 0.3049, 0.3192

Trichromacy



Original Color

91.1805, 0.3036, 0.3221

Protanomaly

90.9627, 0.3080, 0.3211

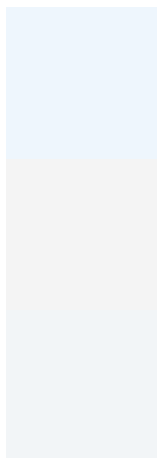
Deuteranomaly

91.2060, 0.3118, 0.3212

Tritanomaly

91.1613, 0.3049, 0.3201

Monochromacy



Original Color

91.1805, 0.3036, 0.3221

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.8975, 0.3096, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1805, 0.3036, 0.3221 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(238, 246, 253)` looks like.

```
.text, #text, p{  
    color:rgb(238, 246, 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(238, 246, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 246, 253) }
```

Border

The CSS property to change the border of an element to Yxy 91.1805, 0.3036, 0.3221 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(238, 246, 253) }
```

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

```
.border{ border-color:rgb(238, 246, 253) }
```

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

Here you see how a box with a 4 pixel rgb(238, 246, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 246, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 246, 253);  
box-shadow:4px 4px 4px 4px rgb(238, 246,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1805, 0.3036, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 246, 253) }
```

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

```
.background{ background-color: rgb(238,  
246, 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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