

Converting Colors

Yxy(91.8965, 0.3046, 0.3226)

Have a look what the booklet for
Yxy(91.8965, 0.3046, 0.3226)
contains.

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Color

Yxy(92.1386, 0.3048, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	F0F7FD
RGB	240, 247, 253
RGB Percent	94%, 97%, 99%
CMY	0.0589, 0.0313, 0.0079
CMYK	0.05, 0.02, 0.00, 0.01
HSL	208°, 76%, 97%
HSV	208°, 5%, 99%
XYZ	86.9200, 92.1386, 106.1120
YIQ	245.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

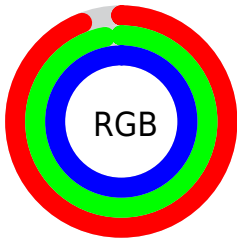
Format	Color
R _Y B	240, 245, 253
Decimal	15792125
CIE Lab	96.88, -1.22, -3.67
CIE LCh	97, 3.869, 251.683
Yxy	92.1386, 0.3048, 0.3231
Android (android.graphics.Color)	4293982205 (0xFFFF0F7FD)
YUV	245.5910, 3.6526, -4.9033
Hunter-Lab	95.9889, -6.3449, 1.6494

Details

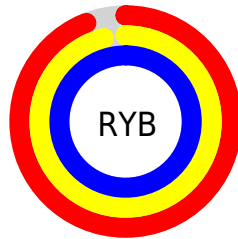
The Yxy color **92.1386, 0.3048, 0.3231** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.0557, 0.3208, 0.3348**, and the grayscale version is **91.7857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4375, 0.3034, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **81.1297, 0.2890, 0.3106**, and if you desaturate by 10%, it is **99.8704, 0.3139, 0.3309**.

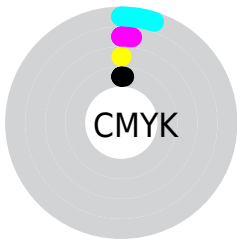
Distribution



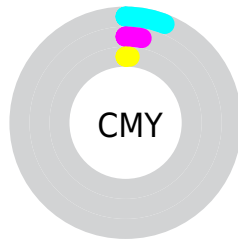
- Red (94%)
- Green (97%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1386, 0.3048, 0.3231 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 92.1386, 0.3048, 0.3231 by changing the saturation by 10% instead.

 92.1386, 0.3048,
0.3231

 92.1386, 0.3048,
0.3231


534.9634, 0.3083,
0.3257

 69.7558, 0.3040,
0.3225

150.3055, 0.3060,
0.3240

 51.3274, 0.3031,
0.3218


186.8583, 0.3065,
0.3243

 36.4693, 0.3019,
0.3209


228.9032, 0.3069,
0.3247

 24.7968, 0.3005,
0.3198

276.8247, 0.3072,
0.3249

 15.9258, 0.2985,
0.3184

331.0070, 0.3075,
0.3252

 9.4716, 0.2959,
0.3163

391.8346, 0.3078,

 5.0501, 0.2920,

0.3254

0.3134

459.6919, 0.3081,
0.3256

■ 2.2767, 0.2858,
0.3086

■ 0.7613, 0.2725,
0.2990

■ 92.1386, 0.3048,
0.3231

■ 92.1386, 0.3048,
0.3231

■ 81.1297, 0.2890,
0.3106

99.8704, 0.3139,
0.3309

■ 71.1440, 0.2728,
0.2968

■ 62.1499, 0.2566,
0.2816

■ 54.1098, 0.2408,
0.2653

■ 46.9829, 0.2257,
0.2480

■ 40.7251, 0.2120,
0.2300

■ 35.2870, 0.2001,
0.2118

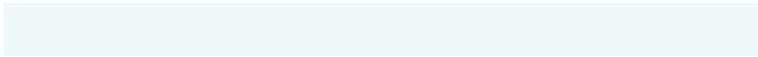
■ 30.6126, 0.1904,
0.1939

■ 26.6346, 0.1831,
0.1766

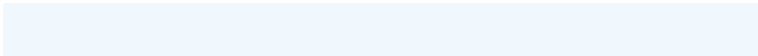
Harmonies

Analogous

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



92.1386, 0.3045, 0.3261



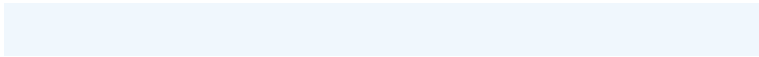
92.1386, 0.3048, 0.3231



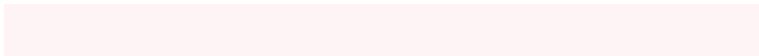
92.1386, 0.3072, 0.3217

Triad

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



92.1386, 0.3048, 0.3231



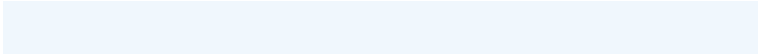
92.1386, 0.3191, 0.3280



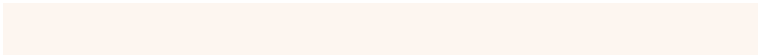
92.1386, 0.3143, 0.3360

Complementary

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



92.1386, 0.3048, 0.3231



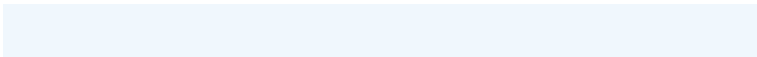
93.0557, 0.3208, 0.3348

Split Complementary

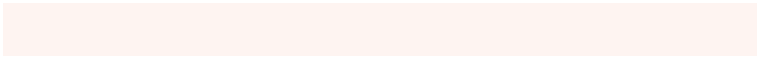
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1386, 0.3182, 0.3364



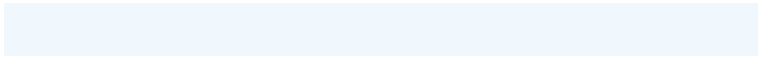
92.1386, 0.3048, 0.3231



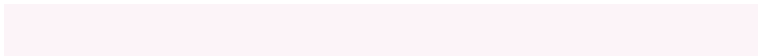
92.1386, 0.3210, 0.3318

Square

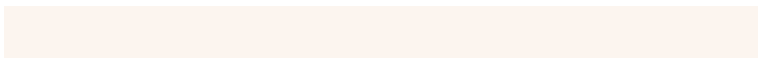
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



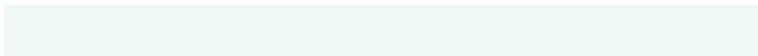
92.1386, 0.3048, 0.3231



92.1386, 0.3155, 0.3245



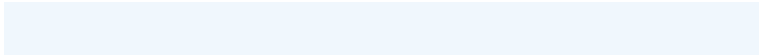
92.1386, 0.3207, 0.3349



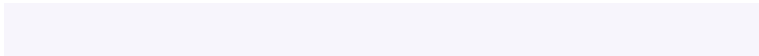
92.1386, 0.3099, 0.3336

Rectangle

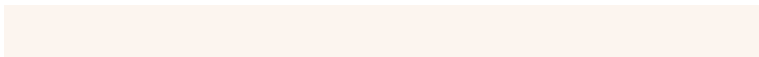
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.1386, 0.3048, 0.3231



92.1386, 0.3097, 0.3218



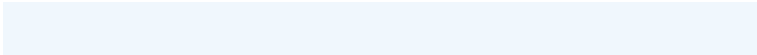
92.1386, 0.3207, 0.3349



92.1386, 0.3157, 0.3363

Sweetspot

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



92.1425, 0.3048, 0.3231



97.5595, 0.3096, 0.3267



95.4041, 0.3088, 0.3360



20.9074, 0.3098, 0.3269



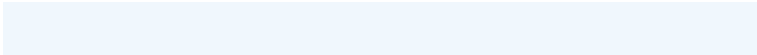
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



92.1425, 0.3048, 0.3231



92.8091, 0.3034, 0.3221



88.3126, 0.3049, 0.3168



19.7024, 0.3024, 0.3213



13.5475, 0.1809, 0.1711



1.5377, 0.1863, 0.1905

Inverse Universe

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



89.9099, 0.3170, 0.3222



90.1791, 0.3177, 0.3210



96.9966, 0.3204, 0.3410



19.0833, 0.3183, 0.3201



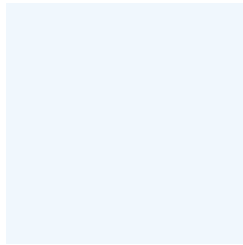
12.0956, 0.4793, 0.2414



1.1998, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 92.1386, 0.3048, 0.3231 looks on a white background.

Color Contrast Check

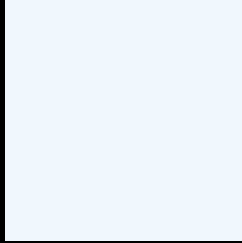
Large Text (above 18pt) WCAG AA × Fail

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 92.1386, 0.3048, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

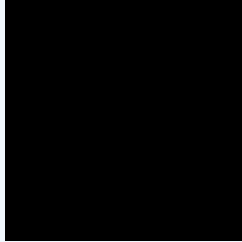
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

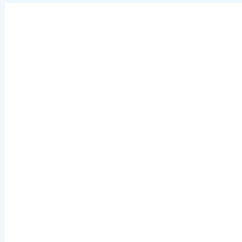
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1386, 0.3048, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 92.1386, 0.3048, 0.3231.

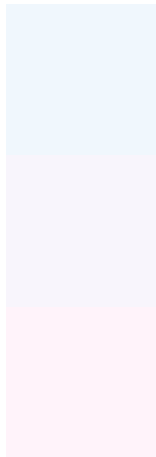


This preview shows how white text looks on a background with the Yxy color 92.1386, 0.3048, 0.3231.

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

92.1386, 0.3048, 0.3231

Protanopia

92.2895, 0.3105, 0.3222

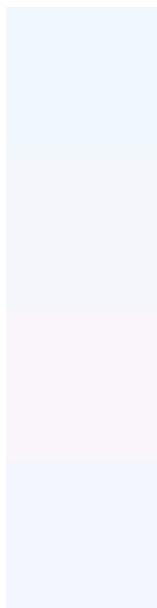
Deuteranopia

92.2633, 0.3163, 0.3223

Tritanopia

92.3646, 0.3062, 0.3202

Trichromacy



Original Color

92.1386, 0.3048, 0.3231

Protanomaly

92.3523, 0.3085, 0.3231

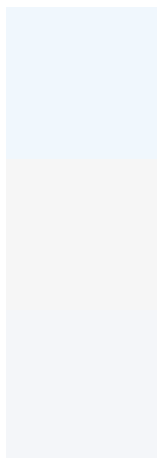
Deuteranomaly

91.9904, 0.3124, 0.3222

Tritanomaly

92.1220, 0.3061, 0.3212

Monochromacy



Original Color

92.1386, 0.3048, 0.3231

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.9842, 0.3097, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1386, 0.3048, 0.3231 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(240, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 247, 253) }
```

Border

The CSS property to change the border of an element to Yxy 92.1386, 0.3048, 0.3231 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(240, 247, 253) }
```

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

```
.border{ border-color:rgb(240, 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(240, 247, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 247,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1386, 0.3048, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 247, 253) }
```

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

```
.background{ background-color: rgb(240,  
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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