

Converting Colors

Yxy(33.2669, 0.2182, 0.2041)

Have a look what the booklet for
Yxy(33.2669, 0.2182, 0.2041)
contains.

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Color

Yxy(33.2669, 0.2182, 0.2041)

Conversions

Conversions Part 1

Format	Color
Hex	7399F9
RGB	115, 153, 249
RGB Percent	45%, 60%, 98%
CMY	0.5488, 0.4000, 0.0236
CMYK	0.54, 0.39, 0.00, 0.02
HSL	223°, 92%, 71%
HSV	223°, 54%, 98%
XYZ	35.5651, 33.2669, 94.1611
YIQ	152.5820, -53.4640, 21.8000

Conversions

Conversions Part 2

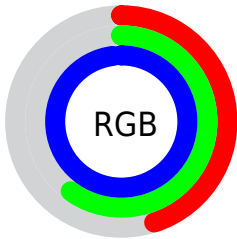
Format	Color
RYB	115, 145, 249
Decimal	7576057
CIELab	64.38, 13.85, -51.97
CIELCh	64, 53.780, 284.924
Yxy	33.2669, 0.2182, 0.2041
Android (android.graphics.Color)	4285766137 (0xFF7399F9)
YUV	152.5820, 47.5341, -32.9594
Hunter-Lab	57.6775, 9.1312, -56.4194

Details

The Yxy color **33.2669, 0.2182, 0.2041** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.9994, 0.4108, 0.4266**, and the grayscale version is **31.4780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8443, 0.2605, 0.2741**, and **14.2101, 0.1925, 0.1739** is the 20% darker color. If you saturate the color by 10%, you get **26.3890, 0.2007, 0.1765**, and if you desaturate by 10%, it is **41.4768, 0.2367, 0.2313**.

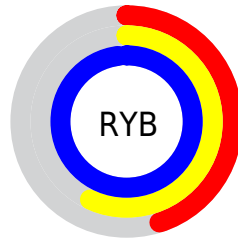
Distribution



Red (45%)

Green (60%)

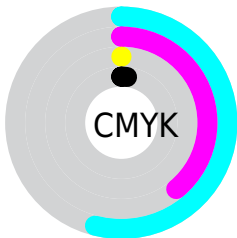
Blue (98%)



Red (45%)

Yellow (57%)

Blue (98%)

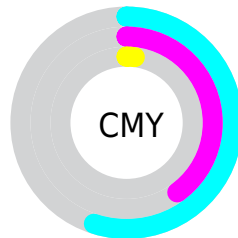


Cyan (54%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (55%)


Magenta (40%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2669, 0.2182, 0.2041 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 33.2669, 0.2182, 0.2041 by changing the saturation by 10% instead.


 33.2669, 0.2182,
0.2041


 33.2669, 0.2182,
0.2041


316.8507, 0.2659,
0.2645

 22.3310, 0.2066,
0.1901


 64.7920, 0.2354,
0.2253

 14.1003, 0.1921,
0.1730


 86.1500, 0.2419,
0.2335

 8.1905, 0.1736,
0.1517


 111.7508, 0.2474,
0.2405

 4.2171, 0.1496,
0.1251

141.9788, 0.2522,
0.2466

 1.7957, 0.1180,
0.0918

177.2184, 0.2563,
0.2520

 0.4845, 0.0777,
0.0471

217.8539, 0.2599,

 0.0000, 0.0000,

0.2567

0.0000

264.2699, 0.2631,
0.2608

■ 33.2669, 0.2182,
0.2041

■ 33.2669, 0.2182,
0.2041

■ 26.3890, 0.2007,
0.1765

■ 41.4768, 0.2367,
0.2313

■ 20.7634, 0.1852,
0.1497

■ 51.0850, 0.2554,
0.2572

■ 16.3061, 0.1725,
0.1251

■ 62.1571, 0.2736,
0.2812

■ 12.9187, 0.1633,
0.1040

■ 74.7535, 0.2909,
0.3029

■ 11.2831, 0.1592,
0.0930

■ 88.9308, 0.3070,
0.3223

99.6190, 0.3162,
0.3347

Harmonies

Analogous

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



33.2669, 0.1799, 0.2142



33.2669, 0.2182, 0.2041



33.2669, 0.2851, 0.2196

Triad

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



33.2669, 0.2182, 0.2041



33.2669, 0.4785, 0.3682



33.2669, 0.2458, 0.4210

Complementary

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



33.2669, 0.2182, 0.2041



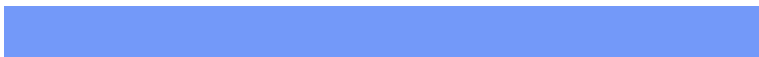
67.9994, 0.4108, 0.4266

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.



33.2669, 0.3216, 0.4793



33.2669, 0.2182, 0.2041



33.2669, 0.4581, 0.4280

Square

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



33.2669, 0.2182, 0.2041



33.2669, 0.4462, 0.3087



33.2669, 0.3992, 0.4747



33.2669, 0.1925, 0.3297

Rectangle

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



33.2669, 0.2182, 0.2041



33.2669, 0.3415, 0.2421



33.2669, 0.3992, 0.4747



33.2669, 0.2695, 0.4468

Sweetspot

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



33.2680, 0.2182, 0.2041



75.8050, 0.2871, 0.2982



76.1007, 0.2605, 0.3760



15.6262, 0.2836, 0.2939



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.



33.2680, 0.2182, 0.2041



27.0171, 0.1986, 0.1729



25.0527, 0.2280, 0.1644



17.4433, 0.2979, 0.3115



6.2472, 0.1599, 0.0956



0.7503, 0.1662, 0.1184

Inverse Universe

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



34.7146, 0.4253, 0.2897



30.2293, 0.4645, 0.2849



84.1968, 0.3700, 0.4686



17.3060, 0.3249, 0.3223



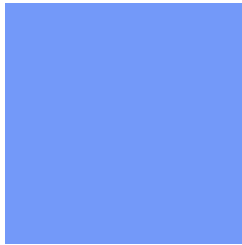
11.0416, 0.5825, 0.2982



1.0400, 0.5489, 0.2797

Previews

White Background



This preview shows how the Yxy color 33.2669, 0.2182, 0.2041 looks on a white background.

Color Contrast Check

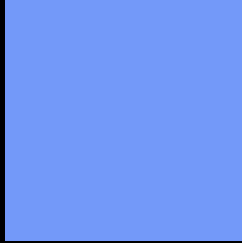
Large Text (above 18pt) WCAG AA × Fail

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 33.2669, 0.2182, 0.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

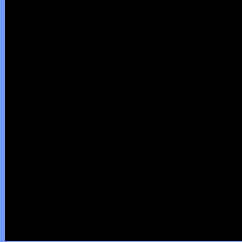
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

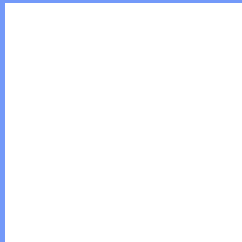
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.2669, 0.2182, 0.2041

Background



This preview shows how black text looks on a background with the Yxy color 33.2669, 0.2182, 0.2041.



This preview shows how white text looks on a background with the Yxy color 33.2669, 0.2182, 0.2041.

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

33.2669, 0.2182, 0.2041

Protanopia

33.1557, 0.2205, 0.2043

Deuteranopia

33.3790, 0.2129, 0.2072



Tritanopia

33.1978, 0.2442, 0.3063

Trichromacy



Original Color

33.2669, 0.2182, 0.2041

Protanomaly

33.0853, 0.2200, 0.2042

Deuteranomaly

33.3458, 0.2151, 0.2065

Tritanomaly

33.0062, 0.2335, 0.2629

Monochromacy



Original Color

33.2669, 0.2182, 0.2041

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.9023, 0.2703, 0.2771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2669, 0.2182, 0.2041 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(115, 153, 249)` looks like.

```
.text, #text, p{  
    color:rgb(115, 153, 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(115, 153, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 153, 249) }
```

Border

The CSS property to change the border of an element to Yxy 33.2669, 0.2182, 0.2041 is called "border". The border property can be set on classes, ids or directly on the HTML element.

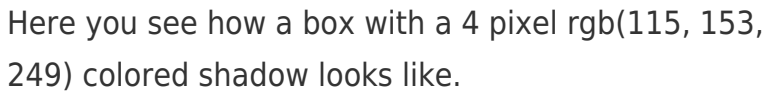
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 153, 249) }
```

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

```
.border{ border-color:rgb(115, 153, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 153, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 153, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 153, 249); box-shadow:4px 4px 4px 4px rgb(115, 153, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2669, 0.2182, 0.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 153, 249) }
```

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

```
.background{ background-color: rgb(115,  
153, 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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