

Converting Colors

$Yxy(33.1464, 0.2057, 0.1989)$

Have a look what the booklet for
Yxy(33.1464, 0.2057, 0.1989)
contains.

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Color

Yxy(33.2722, 0.2059, 0.1994)

Conversions

Conversions Part 1

Format	Color
Hex	5C9CFF
RGB	92, 156, 255
RGB Percent	36%, 61%, 100%
CMY	0.6390, 0.3883, 0.0000
CMYK	0.64, 0.39, 0.00, 0.00
HSL	216°, 100%, 68%
HSV	216°, 64%, 100%
XYZ	34.3568, 33.2722, 99.2326
YIQ	148.1500, -69.9230, 17.2210

Conversions

Conversions Part 2

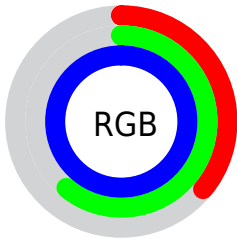
Format	Color
R _Y B	92, 138, 255
Decimal	6069503
CIE Lab	64.38, 9.70, -55.32
CIE LCh	64, 56.165, 279.950
Yxy	33.2722, 0.2059, 0.1994
Android (android.graphics.Color)	4284259583 (0xFF5C9CFF)
YUV	148.1500, 52.6771, -49.2435
Hunter-Lab	57.6821, 5.3752, -61.6213

Details

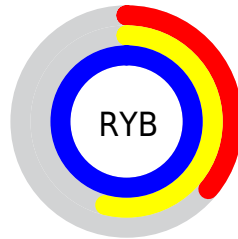
The Yxy color **33.2722, 0.2059, 0.1994** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **59.3179, 0.4432, 0.4253**, and the grayscale version is **29.4821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2817, 0.2502, 0.2762**, and **14.1804, 0.1798, 0.1673** is the 20% darker color. If you saturate the color by 10%, you get **27.2999, 0.1917, 0.1757**, and if you desaturate by 10%, it is **40.3496, 0.2219, 0.2232**.

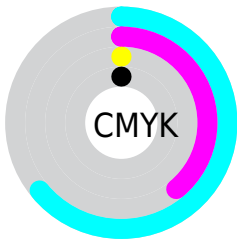
Distribution



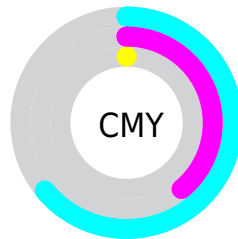
- Red (36%)
- Green (61%)
- Blue (100%)



- Red (36%)
- Yellow (54%)
- Blue (100%)



- Cyan (64%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2722, 0.2059, 0.1994 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 33.2722, 0.2059, 0.1994 by changing the saturation by 10% instead.


 33.2722, 0.2059,
0.1994


 33.2722, 0.2059,
0.1994


316.8745, 0.2591,
0.2621

 22.3351, 0.1933,
0.1850


 64.8003, 0.2248,
0.2213

 14.1033, 0.1777,
0.1675


 86.1600, 0.2321,
0.2298

 8.1925, 0.1580,
0.1458


 111.7627, 0.2383,
0.2371

 4.2184, 0.1330,
0.1189

 141.9927, 0.2436,
0.2435

 1.7965, 0.1012,
0.0859

177.2345, 0.2482,
0.2490

 0.4850, 0.0620,
0.0431

217.8725, 0.2523,

 0.0000, 0.0000,

0.2539

0.0000

264.2910, 0.2559,
0.2582

■ 33.2722, 0.2059,
0.1994

■ 33.2722, 0.2059,
0.1994

■ 27.2999, 0.1917,
0.1757

■ 40.3496, 0.2219,
0.2232

■ 22.3613, 0.1799,
0.1530

■ 48.5955, 0.2390,
0.2464

■ 18.3734, 0.1710,
0.1321

■ 58.0679, 0.2566,
0.2682

■ 16.3475, 0.1669,
0.1206

■ 68.8202, 0.2739,
0.2884

■ 80.9026, 0.2908,
0.3067

94.3621, 0.3067,
0.3231

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



33.2722, 0.1716, 0.2143



33.2722, 0.2059, 0.1994



33.2722, 0.2704, 0.2114

Triad

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



33.2722, 0.2059, 0.1994



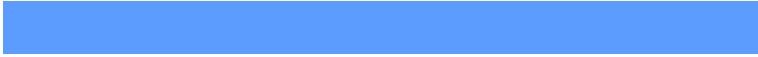
33.2722, 0.4839, 0.3582



33.2722, 0.2546, 0.4397

Complementary

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



33.2722, 0.2059, 0.1994



59.3179, 0.4432, 0.4253

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.



33.2722, 0.3350, 0.4902



33.2722, 0.2059, 0.1994



33.2722, 0.4704, 0.4208

Square

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



33.2722, 0.2059, 0.1994



33.2722, 0.4414, 0.2978



33.2722, 0.4139, 0.4742



33.2722, 0.1946, 0.3451

Rectangle

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



33.2722, 0.2059, 0.1994



33.2722, 0.3274, 0.2323



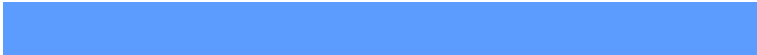
33.2722, 0.4139, 0.4742



33.2722, 0.2802, 0.4640

Sweetspot

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



33.2722, 0.2059, 0.1994



74.5760, 0.2823, 0.2976



77.5074, 0.2632, 0.4124



15.2353, 0.2774, 0.2923



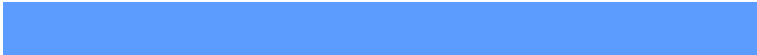
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



33.2722, 0.2059, 0.1994



25.6639, 0.1877, 0.1685



18.0917, 0.1968, 0.1267



18.5470, 0.2979, 0.3142



8.8118, 0.1677, 0.1236



1.0633, 0.1739, 0.1460

Inverse Universe

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



31.3222, 0.4358, 0.2673



26.1212, 0.4765, 0.2637



90.5928, 0.3903, 0.4830



18.1051, 0.3232, 0.3197



11.6175, 0.5415, 0.2757



1.1519, 0.5111, 0.2589

Previews

White Background



This preview shows how the Yxy color 33.2722, 0.2059, 0.1994 looks on a white background.

Color Contrast Check

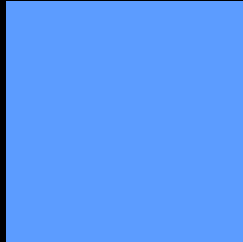
Large Text (above 18pt) WCAG AA × Fail

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 33.2722, 0.2059, 0.1994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

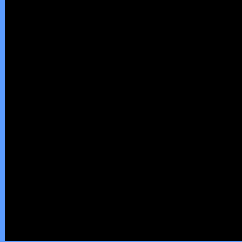
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

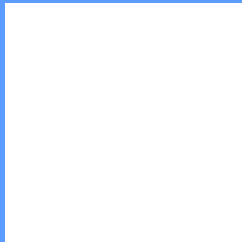
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.2722, 0.2059, 0.1994

Background



This preview shows how black text looks on a background with the Yxy color 33.2722, 0.2059, 0.1994.



This preview shows how white text looks on a background with the Yxy color 33.2722, 0.2059, 0.1994.

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

33.2722, 0.2059, 0.1994

Protanopia

33.1345, 0.2176, 0.2011

Deuteranopia

33.2722, 0.2059, 0.1994



Tritanopia

33.3855, 0.2270, 0.3057

Trichromacy



Original Color

33.2722, 0.2059, 0.1994

Protanomaly

32.9365, 0.2128, 0.2001

Deuteranomaly

33.2722, 0.2059, 0.1994

Tritanomaly

33.1189, 0.2179, 0.2616

Monochromacy



Original Color

33.2722, 0.2059, 0.1994

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.3103, 0.2617, 0.2741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2722, 0.2059, 0.1994 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(92, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 156, 255)  
}
```

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(92, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 156, 255) }
```

Border

The CSS property to change the border of an element to Yxy 33.2722, 0.2059, 0.1994 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(92, 156, 255) }
```

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

```
.border{ border-color:rgb(92, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 156,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2722, 0.2059, 0.1994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 156, 255) }
```

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

```
.background{ background-color: rgb(92, 156,  
255) }
```

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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