

Converting Colors

$Yxy(32.6584, 0.2057, 0.1969)$

Have a look what the booklet for
Yxy(32.6584, 0.2057, 0.1969)
contains.

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Color

Yxy(32.6584, 0.2057, 0.1969)

Conversions

Conversions Part 1

Format	Color
Hex	5D9AFF
RGB	93, 154, 255
RGB Percent	36%, 60%, 100%
CMY	0.6351, 0.3961, 0.0001
CMYK	0.64, 0.40, 0.00, 0.00
HSL	217°, 100%, 68%
HSV	217°, 64%, 100%
XYZ	34.1180, 32.6584, 99.0865
YIQ	147.2750, -68.7770, 18.4790

Conversions

Conversions Part 2

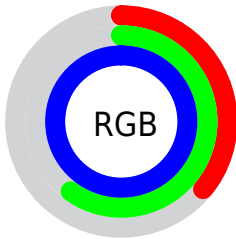
Format	Color
R_{YB}	93, 137, 255
Decimal	6134527
CIE _{Lab}	63.88, 11.02, -56.08
CIE _{LCh}	64, 57.155, 281.118
Yxy	32.6584, 0.2057, 0.1969
Android (android.graphics.Color)	4284324607 (0xFF5D9AFF)
YUV	147.2750, 53.1084, -47.5992
Hunter-Lab	57.1475, 6.5592, -62.7980

Details

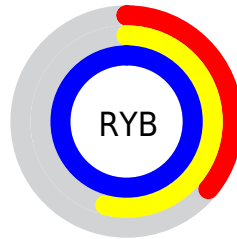
The Yxy color **32.6584, 0.2057, 0.1969** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **60.6309, 0.4404, 0.4273**, and the grayscale version is **29.0989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3997, 0.2504, 0.2738**, and **13.9778, 0.1793, 0.1655** is the 20% darker color. If you saturate the color by 10%, you get **26.6378, 0.1912, 0.1726**, and if you desaturate by 10%, it is **39.8195, 0.2220, 0.2213**.

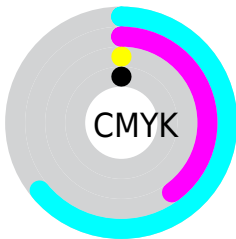
Distribution



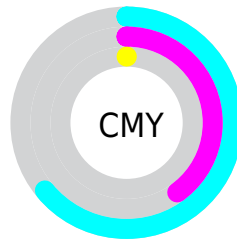
- Red (36%)
- Green (60%)
- Blue (100%)



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



- Cyan (64%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6584, 0.2057, 0.1969 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 32.6584, 0.2057, 0.1969 by changing the saturation by 10% instead.


 32.6584, 0.2057,
0.1969


 32.6584, 0.2057,
0.1969


314.1076, 0.2592,
0.2607


 21.8649, 0.1930,
0.1823


 63.8418, 0.2248,
0.2192

 13.7577, 0.1773,
0.1645


 85.0006, 0.2320,
0.2279

 7.9523, 0.1574,
0.1426


 110.3831, 0.2383,
0.2353

 4.0644, 0.1322,
0.1155

 140.3739, 0.2436,
0.2417

 1.7097, 0.1002,
0.0824

175.3574, 0.2483,
0.2474

 0.4299, 0.0608,
0.0386

215.7179, 0.2523,

 0.0000, 0.0000,

0.2524

0.0000

261.8399, 0.2559,
0.2568

■ 32.6584, 0.2057,
0.1969

■ 32.6584, 0.2057,
0.1969

■ 26.6378, 0.1912,
0.1726

■ 39.8195, 0.2220,
0.2213

■ 21.6813, 0.1791,
0.1495

■ 48.1833, 0.2393,
0.2450

■ 17.7051, 0.1701,
0.1284

■ 57.8105, 0.2570,
0.2674

■ 15.5823, 0.1656,
0.1161

■ 68.7562, 0.2745,
0.2881

■ 81.0722, 0.2914,
0.3068

94.8070, 0.3074,
0.3236

99.9980, 0.3127,
0.3290

Harmonies

Analogous

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



32.6584, 0.1697, 0.2107



32.6584, 0.2057, 0.1969



32.6584, 0.2725, 0.2101

Triad

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



32.6584, 0.2057, 0.1969



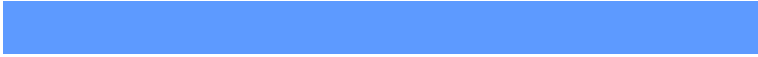
32.6584, 0.4883, 0.3607



32.6584, 0.2502, 0.4394

Complementary

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



32.6584, 0.2057, 0.1969



60.6309, 0.4404, 0.4273

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.



32.6584, 0.3317, 0.4937



32.6584, 0.2057, 0.1969



32.6584, 0.4720, 0.4245

Square

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



32.6584, 0.2057, 0.1969



32.6584, 0.4472, 0.2992



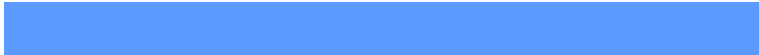
32.6584, 0.4127, 0.4787



32.6584, 0.1903, 0.3414

Rectangle

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



32.6584, 0.2057, 0.1969



32.6584, 0.3312, 0.2319



32.6584, 0.4127, 0.4787



32.6584, 0.2760, 0.4651

Sweetspot

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



32.6595, 0.2057, 0.1969



74.1580, 0.2822, 0.2968



77.6751, 0.2621, 0.4081



15.1351, 0.2774, 0.2913



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.



32.6595, 0.2057, 0.1969



25.3137, 0.1879, 0.1667



18.4938, 0.1992, 0.1286



18.4983, 0.2979, 0.3138



8.4077, 0.1664, 0.1191



1.0206, 0.1727, 0.1416

Inverse Universe

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



31.4229, 0.4381, 0.2701



26.3447, 0.4781, 0.2667



90.1374, 0.3881, 0.4835



18.1002, 0.3235, 0.3201



11.5767, 0.5479, 0.2792



1.1476, 0.5170, 0.2622

Previews

White Background



This preview shows how the Yxy color 32.6584, 0.2057, 0.1969 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 32.6584, 0.2057, 0.1969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

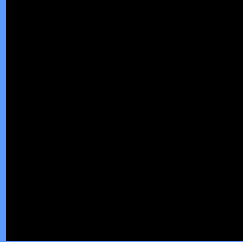
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

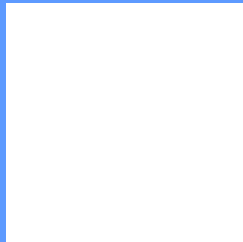
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6584, 0.2057, 0.1969

Background



This preview shows how black text looks on a background with the Yxy color 32.6584, 0.2057, 0.1969.



This preview shows how white text looks on a background with the Yxy color 32.6584, 0.2057, 0.1969.

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

32.6584, 0.2057, 0.1969

Protanopia

32.6722, 0.2153, 0.1984

Deuteranopia

32.7374, 0.2040, 0.1976



Tritanopia

32.5791, 0.2275, 0.3055

Trichromacy



Original Color

32.6584, 0.2057, 0.1969

Protanomaly

32.6125, 0.2117, 0.1978

Deuteranomaly

32.8363, 0.2048, 0.1978

Tritanomaly

32.3833, 0.2179, 0.2597

Monochromacy



Original Color

32.6584, 0.2057, 0.1969

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.8699, 0.2614, 0.2738

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6584, 0.2057, 0.1969 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(93, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 154, 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(93, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 154, 255) }
```

Border

The CSS property to change the border of an element to Yxy 32.6584, 0.2057, 0.1969 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(93, 154, 255) }
```

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

```
.border{ border-color:rgb(93, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 154,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6584, 0.2057, 0.1969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 154, 255) }
```

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

```
.background{ background-color: rgb(93, 154,  
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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