

Converting Colors

$Y_{xy}(32.5460, 0.2108, 0.2117)$

Have a look what the booklet for
Yxy(32.5460, 0.2108, 0.2117)
contains.

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Color

Yxy(32.4630, 0.2108, 0.2117)

Conversions

Conversions Part 1

Format	Color
Hex	5C9CF2
RGB	92, 156, 242
RGB Percent	36%, 61%, 95%
CMY	0.6393, 0.3882, 0.0510
CMYK	0.62, 0.36, 0.00, 0.05
HSL	214°, 85%, 65%
HSV	214°, 62%, 95%
XYZ	32.3250, 32.4630, 88.5564
YIQ	146.6680, -65.7500, 13.1780

Conversions

Conversions Part 2

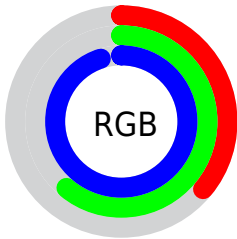
Format	Color
R _Y B	92, 137, 242
Decimal	6069490
CIE Lab	63.72, 5.37, -49.23
CIE LCh	64, 49.526, 276.227
Yxy	32.4630, 0.2108, 0.2117
Android (android.graphics.Color)	4284259570 (0xFF5C9CF2)
YUV	146.6680, 46.9987, -47.9438
Hunter-Lab	56.9763, 1.5618, -52.2690

Details

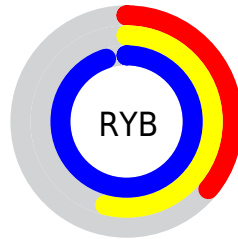
The Yxy color **32.4630, 0.2108, 0.2117** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **51.4693, 0.4423, 0.4181**, and the grayscale version is **28.8547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0855, 0.2492, 0.2760**, and **13.6059, 0.1836, 0.1809** is the 20% darker color. If you saturate the color by 10%, you get **27.0186, 0.1966, 0.1892**, and if you desaturate by 10%, it is **38.8388, 0.2266, 0.2340**.

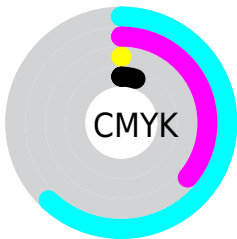
Distribution



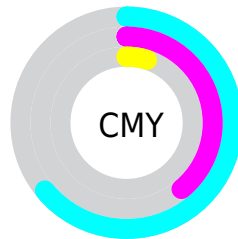
- Red (36%)
- Green (61%)
- Blue (95%)



- Red (36%)
- Yellow (54%)
- Blue (95%)



- Cyan (62%)
- Magenta (36%)
- Yellow (0%)
- Black (5%)





- Cyan (64%)
- Magenta (39%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4630, 0.2108, 0.2117 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 32.4630, 0.2108, 0.2117 by changing the saturation by 10% instead.

 32.4630, 0.2108,
0.2117


 32.4630, 0.2108,
0.2117


313.2230, 0.2620,
0.2697


 21.7154, 0.1984,
0.1980


 63.5362, 0.2292,
0.2323

 13.6479, 0.1829,
0.1809


 84.6306, 0.2362,
0.2402

 7.8762, 0.1632,
0.1594


 109.9428, 0.2422,
0.2470

 4.0158, 0.1377,
0.1321

 139.8570, 0.2473,
0.2528

 1.6824, 0.1046,
0.0973

174.7577, 0.2517,
0.2578

 0.4122, 0.0595,
0.0469

215.0294, 0.2556,

 0.0000, 0.0000,

0.2623

0.0000

261.0563, 0.2590,
0.2662

■ 32.4630, 0.2108,
0.2117

■ 32.4630, 0.2108,
0.2117

■ 27.0186, 0.1966,
0.1892

■ 38.8388, 0.2266,
0.2340

■ 22.4453, 0.1847,
0.1672

■ 46.1941, 0.2433,
0.2555

■ 18.6778, 0.1755,
0.1465

■ 54.5767, 0.2605,
0.2757

■ 16.1694, 0.1698,
0.1314

■ 64.0299, 0.2775,
0.2943

■ 74.5942, 0.2940,
0.3111

■ 86.3079, 0.3097,
0.3262

■ 97.9799, 0.3204,
0.3397

■ 99.1901, 0.3203,
0.3415

Harmonies

Analogous

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



32.4630, 0.1824, 0.2297



32.4630, 0.2108, 0.2117



32.4630, 0.2666, 0.2195

Triad

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



32.4630, 0.2108, 0.2117



32.4630, 0.4634, 0.3505



32.4630, 0.2701, 0.4344

Complementary

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



32.4630, 0.2108, 0.2117



51.4693, 0.4423, 0.4181

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.



32.4630, 0.3438, 0.4725



32.4630, 0.2108, 0.2117



32.4630, 0.4589, 0.4075

Square

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



32.4630, 0.2108, 0.2117



32.4630, 0.4194, 0.2953



32.4630, 0.4131, 0.4557



32.4630, 0.2120, 0.3547

Rectangle

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



32.4630, 0.2108, 0.2117



32.4630, 0.3165, 0.2371



32.4630, 0.4131, 0.4557



32.4630, 0.2939, 0.4535

Sweetspot

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



32.4641, 0.2108, 0.2117



75.4856, 0.2824, 0.2994



68.9446, 0.2663, 0.4163



15.4537, 0.2776, 0.2944



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.



32.4641, 0.2108, 0.2117



29.2092, 0.1938, 0.1842



16.8832, 0.1977, 0.1318



16.3381, 0.2980, 0.3151



8.9457, 0.1707, 0.1344



0.9376, 0.1778, 0.1600

Inverse Universe

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



28.9255, 0.4223, 0.2631



27.2934, 0.4571, 0.2575



81.4228, 0.3923, 0.4770



15.8708, 0.3226, 0.3190



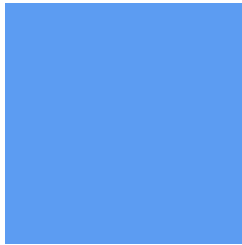
10.6964, 0.5266, 0.2675



0.9094, 0.4931, 0.2490

Previews

White Background



This preview shows how the Yxy color 32.4630, 0.2108, 0.2117 looks on a white background.

Color Contrast Check

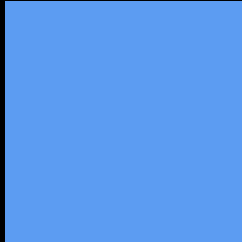
Large Text (above 18pt) WCAG AA × Fail

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 32.4630, 0.2108, 0.2117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

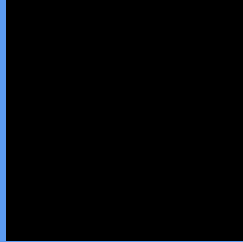
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

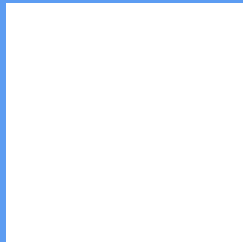
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.4630, 0.2108, 0.2117

Background



This preview shows how black text looks on a background with the Yxy color 32.4630, 0.2108, 0.2117.



This preview shows how white text looks on a background with the Yxy color 32.4630, 0.2108, 0.2117.

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

32.4630, 0.2108, 0.2117

Protanopia

32.3852, 0.2272, 0.2140

Deuteranopia

32.5253, 0.2154, 0.2095



Tritanopia

32.4068, 0.2304, 0.3055

Trichromacy



Original Color

32.4630, 0.2108, 0.2117

Protanomaly

32.3940, 0.2205, 0.2130

Deuteranomaly

32.6231, 0.2137, 0.2103

Tritanomaly

32.3270, 0.2221, 0.2667

Monochromacy



Original Color

32.4630, 0.2108, 0.2117

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.7021, 0.2643, 0.2794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4630, 0.2108, 0.2117 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(92, 156, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 156, 242) }
```

Border

The CSS property to change the border of an element to Yxy 32.4630, 0.2108, 0.2117 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, 242) }
```

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

```
.border{ border-color:rgb(92, 156, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 156, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 156, 242);  
box-shadow:4px 4px 4px 4px rgb(92, 156,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4630, 0.2108, 0.2117 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, 242) }
```

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

```
.background{ background-color: rgb(92, 156,  
242) }
```

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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