

Converting Colors

$Yxy(20.6417, 0.1923, 0.1416)$

Have a look what the booklet for
Yxy(20.6417, 0.1923, 0.1416)
contains.

Yxy(20.6472, 0.1923, 0.1416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(20.6472, 0.1923, 0.1416)

Conversions

Conversions Part 1

Format	Color
Hex	5C6EFF
RGB	92, 110, 255
RGB Percent	36%, 43%, 100%
CMY	0.6393, 0.5686, 0.0000
CMYK	0.64, 0.57, 0.00, 0.00
HSL	233°, 100%, 68%
HSV	233°, 64%, 100%
XYZ	28.0399, 20.6472, 97.1264
YIQ	121.1480, -57.2730, 41.2790

Conversions

Conversions Part 2

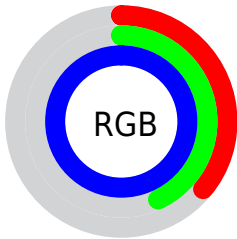
Format	Color
R _Y B	92, 108, 255
Decimal	6057727
CIE Lab	52.56, 37.33, -74.32
CIE LCh	53, 83.165, 296.670
Yxy	20.6472, 0.1923, 0.1416
Android (android.graphics.Color)	4284247807 (0xFF5C6EFF)
YUV	121.1480, 65.9890, -25.5628
Hunter-Lab	45.4392, 30.6315, -94.9251

Details

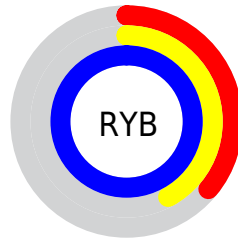
The Yxy color **20.6472, 0.1923, 0.1416** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **82.5954, 0.4121, 0.4634**, and the grayscale version is **18.9668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8778, 0.2422, 0.2161**, and **7.5862, 0.1622, 0.1038** is the 20% darker color. If you saturate the color by 10%, you get **15.2634, 0.1756, 0.1128**, and if you desaturate by 10%, it is **27.7245, 0.2116, 0.1736**.

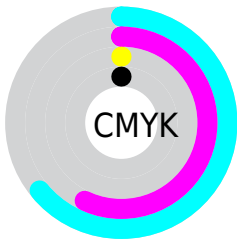
Distribution



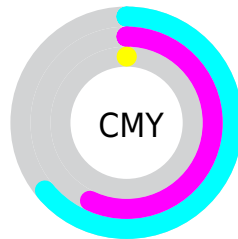
- Red (36%)
- Green (43%)
- Blue (100%)



- Red (36%)
- Yellow (42%)
- Blue (100%)



- Cyan (64%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.6472, 0.1923, 0.1416 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 20.6472, 0.1923, 0.1416 by changing the saturation by 10% instead.


 20.6472, 0.1923,
0.1416

 20.6472, 0.1923,
0.1416


255.3976, 0.2560,
0.2296


 12.8664, 0.1767,
0.1229


 44.4996, 0.2155,
0.1714


 7.3366, 0.1574,
0.1012


 61.3400, 0.2242,
0.1833

 3.6735, 0.1334,
0.0764


 81.9690, 0.2316,
0.1936

 1.4926, 0.1036,
0.0492

 106.7711, 0.2380,
0.2026

 0.2835, 0.0687,
0.0159

136.1306, 0.2434,
0.2106

 0.0000, 0.0132,
0.0000

170.4319, 0.2482,

 0.0000, 0.0000,

0.2177

0.0000

210.0594, 0.2523,
0.2240

■ 20.6472, 0.1923,
0.1416

■ 20.6472, 0.1923,
0.1416

■ 15.2634, 0.1756,
0.1128

■ 27.7245, 0.2116,
0.1736

■ 11.4301, 0.1628,
0.0893

■ 36.6236, 0.2322,
0.2066

■ 8.9783, 0.1546,
0.0728

■ 47.4590, 0.2527,
0.2387

■ 8.0587, 0.1517,
0.0662

■ 60.3364, 0.2723,
0.2688

■ 75.3533, 0.2904,
0.2961

92.6014, 0.3068,
0.3203

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.



20.6472, 0.1243, 0.1374



20.6472, 0.1923, 0.1416



20.6472, 0.3146, 0.1756

Triad

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



20.6472, 0.1923, 0.1416



20.6472, 0.5762, 0.3938



20.6472, 0.1527, 0.4321

Complementary

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



20.6472, 0.1923, 0.1416



82.5954, 0.4121, 0.4634

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.



20.6472, 0.2537, 0.5964



20.6472, 0.1923, 0.1416



20.6472, 0.4931, 0.4942

Square

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



20.6472, 0.1923, 0.1416



20.6472, 0.5801, 0.3114



20.6472, 0.3752, 0.5918



20.6472, 0.1028, 0.2578

Rectangle

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



20.6472, 0.1923, 0.1416



20.6472, 0.4203, 0.2140



20.6472, 0.3752, 0.5918



20.6472, 0.1816, 0.4989

Sweetspot

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



20.6469, 0.1923, 0.1416



67.4591, 0.2814, 0.2826



79.8500, 0.2437, 0.3518



13.5399, 0.2761, 0.2746



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.



20.6469, 0.1923, 0.1416



13.9269, 0.1712, 0.1049



21.7898, 0.2291, 0.1415



17.7007, 0.2979, 0.3072



4.3137, 0.1521, 0.0676



0.5202, 0.1560, 0.0816

Inverse Universe

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



30.0386, 0.4990, 0.3131



24.9363, 0.5578, 0.3144



83.5661, 0.3583, 0.5027



18.0197, 0.3277, 0.3264



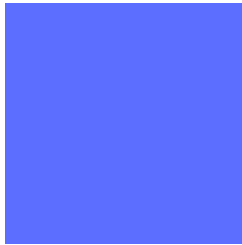
11.1634, 0.6272, 0.3229



1.0971, 0.6044, 0.3103

Previews

White Background



This preview shows how the Yxy color 20.6472, 0.1923, 0.1416 looks on a white background.

Color Contrast Check

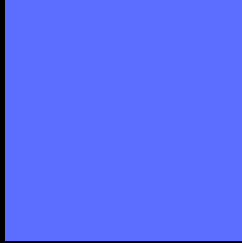
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6472, 0.1923, 0.1416 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 × Fail

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

Yxy 20.6472, 0.1923, 0.1416

Background



This preview shows how black text looks on a background with the Yxy color 20.6472, 0.1923, 0.1416.



This preview shows how white text looks on a background with the Yxy color 20.6472, 0.1923, 0.1416.

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

20.6472, 0.1923, 0.1416

Protanopia

20.6981, 0.1740, 0.1449

Deuteranopia

20.6588, 0.1843, 0.1833



Tritanopia

20.5290, 0.2219, 0.3064

Trichromacy



Original Color

20.6472, 0.1923, 0.1416

Protanomaly

20.1229, 0.1762, 0.1413

Deuteranomaly

19.8813, 0.1820, 0.1632

Tritanomaly

19.6976, 0.2044, 0.2235

Monochromacy



Original Color

20.6472, 0.1923, 0.1416

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.9399, 0.2518, 0.2379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6472, 0.1923, 0.1416 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, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 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, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 255) }
```

Border

The CSS property to change the border of an element to Yxy 20.6472, 0.1923, 0.1416 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, 110, 255) }
```

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

```
.border{ border-color:rgb(92, 110, 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, 110, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 110,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6472, 0.1923, 0.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 255) }
```

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

```
.background{ background-color: rgb(92, 110,  
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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