

Converting Colors

$Y_{xy}(19.3881, 0.2251, 0.2106)$

Have a look what the booklet for
Yxy(19.3881, 0.2251, 0.2106)
contains.

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Color

Yxy(19.3881, 0.2251, 0.2106)

Conversions

Conversions Part 1

Format	Color
Hex	5F77BF
RGB	95, 119, 191
RGB Percent	37%, 47%, 75%
CMY	0.6274, 0.5334, 0.2509
CMYK	0.50, 0.38, 0.00, 0.25
HSL	225°, 43%, 56%
HSV	225°, 50%, 75%
XYZ	20.7230, 19.3881, 51.9502
YIQ	120.0320, -37.4160, 17.3040

Conversions

Conversions Part 2

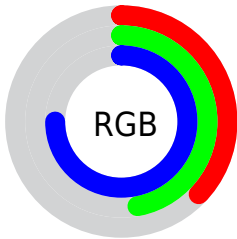
Format	Color
R _Y B	95, 114, 191
Decimal	6256575
CIE Lab	51.14, 11.55, -40.53
CIE LCh	51, 42.138, 285.905
Yxy	19.3881, 0.2251, 0.2106
Android (android.graphics.Color)	4284446655 (0xFF5F77BF)
YUV	120.0320, 34.9872, -21.9531
Hunter-Lab	44.0319, 6.9526, -39.1298

Details

The Yxy color **19.3881, 0.2251, 0.2106** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **39.5595, 0.4001, 0.4234**, and the grayscale version is **18.6898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3872, 0.2434, 0.2340**, and **6.7059, 0.1941, 0.1728** is the 20% darker color. If you saturate the color by 10%, you get **15.3302, 0.2069, 0.1823**, and if you desaturate by 10%, it is **24.2126, 0.2439, 0.2381**.

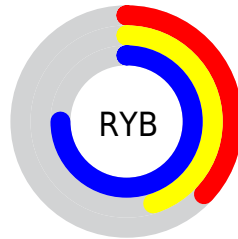
Distribution



Red (37%)

Green (47%)

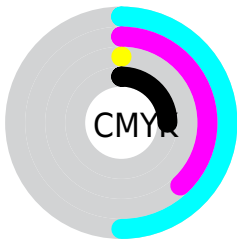
Blue (75%)



Red (37%)

Yellow (45%)

Blue (75%)

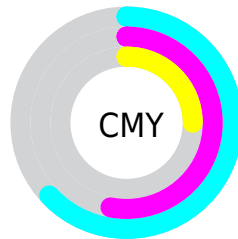


Cyan (50%)

Magenta (38%)

Yellow (0%)

Black (25%)



Cyan (63%)

Magenta (53%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.3881, 0.2251, 0.2106 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 19.3881, 0.2251, 0.2106 by changing the saturation by 10% instead.

■ 19.3881, 0.2251,
0.2106

■ 19.3881, 0.2251,
0.2106

■ 248.5830, 0.2736,
0.2737

■ 11.9510, 0.2117,
0.1941

■ 42.3889, 0.2438,
0.2342

■ 6.7104, 0.1939,
0.1728

■ 58.7214, 0.2505,
0.2429

■ 3.2816, 0.1695,
0.1447

■ 78.7878, 0.2560,
0.2501

■ 1.2805, 0.1350,
0.1071

■ 102.9726, 0.2607,
0.2563

■ 0.1260, 0.0771,
0.0242

■ 131.6601, 0.2647,
0.2616

■ 0.0000, 0.0000,
0.0000

165.2348, 0.2681,

0.2661

204.0809, 0.2710,
0.2701

■ 19.3881, 0.2251,
0.2106

■ 19.3881, 0.2251,
0.2106

■ 15.3302, 0.2069,
0.1823

■ 24.2126, 0.2439,
0.2381

■ 11.9952, 0.1903,
0.1546

■ 29.8399, 0.2624,
0.2641

■ 9.3379, 0.1762,
0.1287

■ 36.3064, 0.2802,
0.2879

■ 7.3062, 0.1653,
0.1062

■ 43.6454, 0.2969,
0.3094

■ 5.8519, 0.1579,
0.0884

■ 51.8884, 0.3123,
0.3285

■ 61.0654, 0.3264,
0.3454

■ 71.2050, 0.3390,
0.3600

■ 82.3343, 0.3504,
0.3728

■ 92.1446, 0.3523,
0.3855

Harmonies

Analogous

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



19.3881, 0.1874, 0.2198



19.3881, 0.2251, 0.2106



19.3881, 0.2895, 0.2260

Triad

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



19.3881, 0.2251, 0.2106



19.3881, 0.4688, 0.3692



19.3881, 0.2481, 0.4122

Complementary

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



19.3881, 0.2251, 0.2106



39.5595, 0.4001, 0.4234

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.



19.3881, 0.3195, 0.4682



19.3881, 0.2251, 0.2106



19.3881, 0.4490, 0.4255

Square

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



19.3881, 0.2251, 0.2106



19.3881, 0.4397, 0.3122



19.3881, 0.3931, 0.4673



19.3881, 0.1980, 0.3276

Rectangle

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



19.3881, 0.2251, 0.2106



19.3881, 0.3428, 0.2480



19.3881, 0.3931, 0.4673



19.3881, 0.2704, 0.4364

Sweetspot

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



19.3888, 0.2251, 0.2106



71.4060, 0.2888, 0.2990



42.4942, 0.2615, 0.3663



15.0721, 0.2852, 0.2944



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



19.3888, 0.2251, 0.2106



26.9949, 0.2057, 0.1804



15.8743, 0.2393, 0.1799



9.6021, 0.2984, 0.3113



3.9549, 0.1585, 0.0906



0.2627, 0.1720, 0.1390

Inverse Universe

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



20.5989, 0.4165, 0.2967



30.5278, 0.4530, 0.2919



46.3136, 0.3635, 0.4595



9.5744, 0.3250, 0.3233



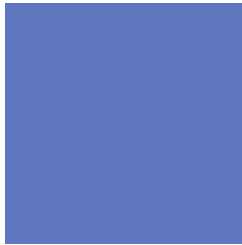
7.4289, 0.5903, 0.3025



0.3019, 0.5204, 0.2641

Previews

White Background



This preview shows how the Yxy color 19.3881, 0.2251, 0.2106 looks on a white background.

Color Contrast Check

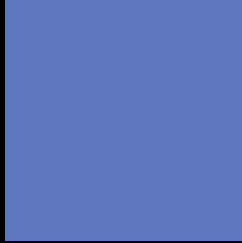
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3881, 0.2251, 0.2106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

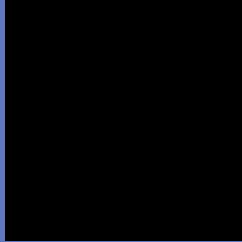
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3881, 0.2251, 0.2106

Background



This preview shows how black text looks on a background with the Yxy color 19.3881, 0.2251, 0.2106.

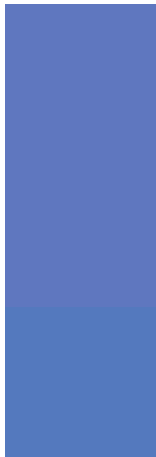


This preview shows how white text looks on a background with the Yxy color 19.3881, 0.2251, 0.2106.

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

19.3881, 0.2251, 0.2106

Protanopia

19.3881, 0.2251, 0.2106

Deuteranopia

19.2773, 0.2188, 0.2131



Tritanopia

19.5210, 0.2522, 0.3089

Trichromacy



Original Color

19.3881, 0.2251, 0.2106

Protanomaly

19.3881, 0.2251, 0.2106

Deuteranomaly

19.2254, 0.2211, 0.2121

Tritanomaly

19.3562, 0.2411, 0.2672

Monochromacy



Original Color

19.3881, 0.2251, 0.2106

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.8878, 0.2746, 0.2810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3881, 0.2251, 0.2106 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(95, 119, 191)` looks like.

```
.text, #text, p{  
    color:rgb(95, 119, 191)  
}
```

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(95, 119, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 191) }
```

Border

The CSS property to change the border of an element to Yxy 19.3881, 0.2251, 0.2106 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(95, 119, 191) }
```

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

```
.border{ border-color:rgb(95, 119, 191) }
```

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

Here you see how a box with a 4 pixel rgb(95, 119, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 119, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 119, 191);  
box-shadow:4px 4px 4px 4px rgb(95, 119,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3881, 0.2251, 0.2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 119, 191) }
```

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

```
.background{ background-color: rgb(95, 119,  
191) }
```

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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