

Converting Colors

$Yxy(19.3092, 0.2343, 0.2028)$

Have a look what the booklet for
Yxy(19.3092, 0.2343, 0.2028)
contains.

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Color

Yxy(19.3092, 0.2343, 0.2028)

Conversions

Conversions Part 1

Format	Color
Hex	6F72C2
RGB	111, 114, 194
RGB Percent	44%, 45%, 76%
CMY	0.5648, 0.5529, 0.2392
CMYK	0.43, 0.41, 0.00, 0.24
HSL	238°, 41%, 60%
HSV	238°, 43%, 76%
XYZ	22.3084, 19.3092, 53.5954
YIQ	122.2230, -27.4680, 24.2440

Conversions

Conversions Part 2

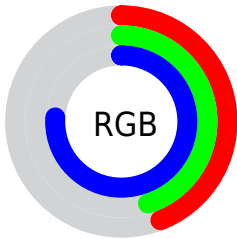
Format	Color
R_{YB}	111, 114, 194
Decimal	7303874
CIE _{Lab}	51.05, 19.43, -42.32
CIE _{LCh}	51, 46.562, 294.660
Yxy	19.3092, 0.2343, 0.2028
Android (android.graphics.Color)	4285493954 (0xFF6F72C2)
YUV	122.2230, 35.3861, -9.8426
Hunter-Lab	43.9422, 13.7212, -41.5552

Details

The Yxy color **19.3092, 0.2343, 0.2028** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **49.8677, 0.3772, 0.4300**, and the grayscale version is **19.4269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3445, 0.2513, 0.2275**, and **6.6597, 0.2057, 0.1637** is the 20% darker color. If you saturate the color by 10%, you get **14.3905, 0.2133, 0.1683**, and if you desaturate by 10%, it is **25.3641, 0.2551, 0.2366**.

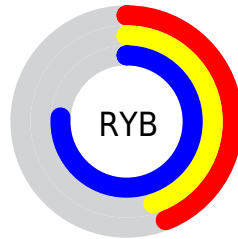
Distribution



Red (44%)

Green (45%)

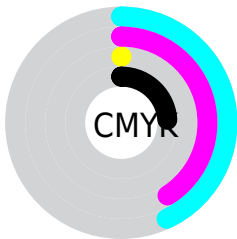
Blue (76%)



Red (44%)

Yellow (45%)

Blue (76%)

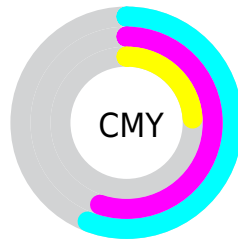


Cyan (43%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3092, 0.2343, 0.2028 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 19.3092, 0.2343, 0.2028 by changing the saturation by 10% instead.


 19.3092, 0.2343,
0.2028


 19.3092, 0.2343,
0.2028


248.1504, 0.2783,
0.2690

 11.8939, 0.2220,
0.1859


 42.2559, 0.2514,
0.2273


 6.6715, 0.2055,
0.1643


 58.5561, 0.2574,
0.2364

 3.2575, 0.1826,
0.1362

 78.5868, 0.2625,
0.2440

 1.2676, 0.1499,
0.0994

 102.7323, 0.2667,
0.2505

 0.1159, 0.1022,
0.0203

131.3770, 0.2702,
0.2561

 0.0000, 0.0000,
0.0000

164.9053, 0.2733,

0.2609

203.7017, 0.2760,
0.2652

■ 19.3092, 0.2343,
0.2028

■ 19.3092, 0.2343,
0.2028

■ 14.3905, 0.2133,
0.1683

■ 25.3641, 0.2551,
0.2366

■ 10.5353, 0.1933,
0.1353

■ 32.6179, 0.2747,
0.2682

■ 7.6656, 0.1759,
0.1061

■ 41.1309, 0.2926,
0.2970

■ 5.6919, 0.1625,
0.0833

■ 50.9589, 0.3086,
0.3224

■ 4.5086, 0.1541,
0.0682

■ 62.1545, 0.3226,
0.3447

■ 4.0495, 0.1506,
0.0621

■ 74.7671, 0.3348,
0.3640

■ 88.8439, 0.3454,
0.3806

■ 96.6755, 0.3490,
0.3890

Harmonies

Analogous

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



19.3092, 0.1853, 0.2040



19.3092, 0.2343, 0.2028



19.3092, 0.3116, 0.2264

Triad

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



19.3092, 0.2343, 0.2028



19.3092, 0.4829, 0.3889



19.3092, 0.2220, 0.3947

Complementary

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



19.3092, 0.2343, 0.2028



49.8677, 0.3772, 0.4300

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.



19.3092, 0.2946, 0.4730



19.3092, 0.2343, 0.2028



19.3092, 0.4461, 0.4489

Square

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



19.3092, 0.2343, 0.2028



19.3092, 0.4681, 0.3269



19.3092, 0.3765, 0.4881



19.3092, 0.1777, 0.3006

Rectangle

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



19.3092, 0.2343, 0.2028



19.3092, 0.3719, 0.2537



19.3092, 0.3765, 0.4881



19.3092, 0.2438, 0.4257

Sweetspot

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



19.3099, 0.2343, 0.2028



73.8390, 0.2919, 0.2959



45.6770, 0.2575, 0.3349



15.3700, 0.2880, 0.2896



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.



19.3099, 0.2343, 0.2028



26.8646, 0.2153, 0.1717



21.5861, 0.2688, 0.2095



9.8057, 0.2983, 0.3061



2.6884, 0.1508, 0.0627



0.1370, 0.1535, 0.0726

Inverse Universe

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



24.0487, 0.4188, 0.3252



36.6892, 0.4548, 0.3246



46.8671, 0.3427, 0.4462



10.0837, 0.3283, 0.3282



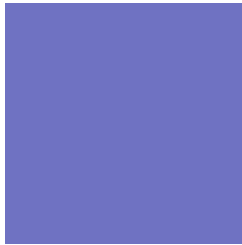
7.5536, 0.6355, 0.3275



0.3285, 0.6190, 0.3184

Previews

White Background



This preview shows how the Yxy color 19.3092, 0.2343, 0.2028 looks on a white background.

Color Contrast Check

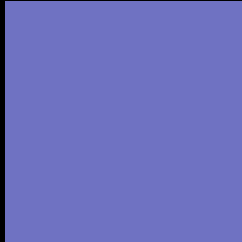
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3092, 0.2343, 0.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

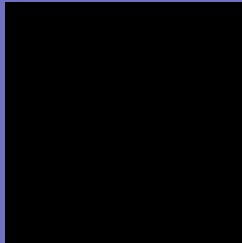
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3092, 0.2343, 0.2028

Background



This preview shows how black text looks on a background with the Yxy color 19.3092, 0.2343, 0.2028.

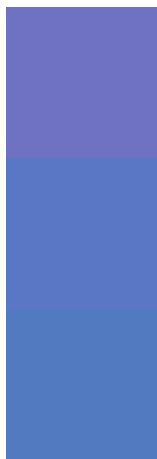


This preview shows how white text looks on a background with the Yxy color 19.3092, 0.2343, 0.2028.

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

19.3092, 0.2343, 0.2028

Protanopia

19.4445, 0.2176, 0.2014

Deuteranopia

19.5187, 0.2168, 0.2120



Tritanopia

19.2146, 0.2688, 0.3074

Trichromacy



Original Color

19.3092, 0.2343, 0.2028

Protanomaly

19.3505, 0.2231, 0.2010

Deuteranomaly

19.3711, 0.2225, 0.2078

Tritanomaly

19.1544, 0.2544, 0.2634

Monochromacy



Original Color

19.3092, 0.2343, 0.2028

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.1833, 0.2802, 0.2768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3092, 0.2343, 0.2028 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(111, 114, 194)` looks like.

```
.text, #text, p{  
    color:rgb(111, 114, 194)  
}
```

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(111, 114, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 114, 194) }
```

Border

The CSS property to change the border of an element to Yxy 19.3092, 0.2343, 0.2028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

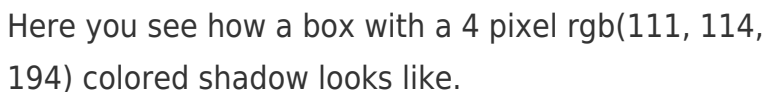
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 114, 194) }
```

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

```
.border{ border-color:rgb(111, 114, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 114, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 114, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 114, 194); box-shadow:4px 4px 4px 4px rgb(111, 114, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3092, 0.2343, 0.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 114, 194) }
```

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

```
.background{ background-color: rgb(111,  
114, 194) }
```

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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