

Converting Colors

$Y_{xy}(10.9788, 0.2334, 0.1780)$

Have a look what the booklet for
Yxy(10.9788, 0.2334, 0.1780)
contains.

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Color

Yxy(11.0520, 0.2333, 0.1782)

Conversions

Conversions Part 1

Format	Color
Hex	6051A4
RGB	96, 81, 164
RGB Percent	38%, 32%, 64%
CMY	0.6235, 0.6824, 0.3568
CMYK	0.41, 0.51, 0.00, 0.36
HSL	251°, 34%, 48%
HSV	251°, 51%, 64%
XYZ	14.4693, 11.0520, 36.4989
YIQ	94.9470, -17.7030, 28.9930

Conversions

Conversions Part 2

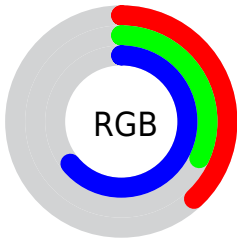
Format	Color
RYB	96, 81, 164
Decimal	6312356
CIELab	39.67, 27.03, -42.95
CIELCh	40, 50.750, 302.181
Yxy	11.0520, 0.2333, 0.1782
Android (android.graphics.Color)	4284502436 (0xFF6051A4)
YUV	94.9470, 34.0431, 0.9235
Hunter-Lab	33.2445, 19.5121, -41.8228

Details

The Yxy color **11.0520, 0.2333, 0.1782** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **33.5382, 0.3694, 0.4562**, and the grayscale version is **11.3512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8839, 0.2531, 0.2099**, and **2.9017, 0.1961, 0.1277** is the 20% darker color. If you saturate the color by 10%, you get **8.2349, 0.2145, 0.1460**, and if you desaturate by 10%, it is **14.5831, 0.2519, 0.2114**.

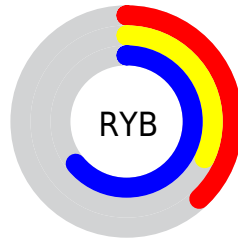
Distribution



Red (38%)

Green (32%)

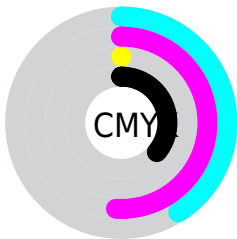
Blue (64%)



Red (38%)

Yellow (32%)

Blue (64%)

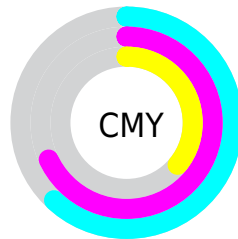


Cyan (41%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (68%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0520, 0.2333, 0.1782 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 11.0520, 0.2333, 0.1782 by changing the saturation by 10% instead.

■ 11.0520, 0.2333,
0.1782

■ 11.0520, 0.2333,
0.1782

■ 198.0240, 0.2818,
0.2613

■ 6.1018, 0.2179,
0.1558

■ 27.7563, 0.2533,
0.2099

■ 2.9071, 0.1961,
0.1269

■ 40.2792, 0.2601,
0.2214

■ 1.0834, 0.1640,
0.0896

■ 56.0951, 0.2656,
0.2309

■ 0.0000, 0.1182,
0.0000

■ 75.5884, 0.2700,
0.2390

■ 0.0000, 0.0000,
0.0000

■ 99.1436, 0.2737,
0.2458

127.1450, 0.2768,

0.2517

159.9770, 0.2795,
0.2568

■ 11.0520, 0.2333,
0.1782

■ 11.0520, 0.2333,
0.1782

■ 8.2349, 0.2145,
0.1460

■ 14.5831, 0.2519,
0.2114

■ 6.0811, 0.1965,
0.1168

■ 18.8718, 0.2694,
0.2438

■ 4.5352, 0.1805,
0.0927

■ 23.9593, 0.2854,
0.2744

■ 3.5318, 0.1677,
0.0755

■ 29.8838, 0.2996,
0.3024

■ 2.9521, 0.1589,
0.0649

■ 36.6809, 0.3120,
0.3275

■ 44.3840, 0.3228,
0.3498

■ 53.0250, 0.3320,
0.3695

■ 62.6339, 0.3398,
0.3866

■ 73.2397, 0.3465,
0.4016

Harmonies

Analogous

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



11.0520, 0.1661, 0.1706



11.0520, 0.2333, 0.1782



11.0520, 0.3383, 0.2128

Triad

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



11.0520, 0.2333, 0.1782



11.0520, 0.5199, 0.4124



11.0520, 0.1778, 0.3814

Complementary

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



11.0520, 0.2333, 0.1782



33.5382, 0.3694, 0.4562

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.



11.0520, 0.2584, 0.5061



11.0520, 0.2333, 0.1782



11.0520, 0.4543, 0.4897

Square

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



11.0520, 0.2333, 0.1782



11.0520, 0.5260, 0.3377



11.0520, 0.3594, 0.5412



11.0520, 0.1378, 0.2619

Rectangle

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



11.0520, 0.2333, 0.1782



11.0520, 0.4181, 0.2486



11.0520, 0.3594, 0.5412



11.0520, 0.2006, 0.4274

Sweetspot

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



11.0524, 0.2333, 0.1782



49.0266, 0.2932, 0.2897



26.2990, 0.2433, 0.3043



10.2539, 0.2903, 0.2841



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



11.0524, 0.2333, 0.1782



14.2718, 0.2116, 0.1413



13.8273, 0.2819, 0.1963



6.9187, 0.3014, 0.3060



2.2788, 0.1595, 0.0652



0.0640, 0.1896, 0.0818

Inverse Universe

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



15.9473, 0.3388, 0.2282



24.3373, 0.3466, 0.2094



30.3799, 0.3288, 0.4751



7.1801, 0.3164, 0.3108



7.3845, 0.3716, 0.1821



0.1606, 0.3505, 0.1704

Previews

White Background



This preview shows how the Yxy color 11.0520, 0.2333, 0.1782 looks on a white 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

Black Background



This preview shows how the Yxy color 11.0520, 0.2333, 0.1782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

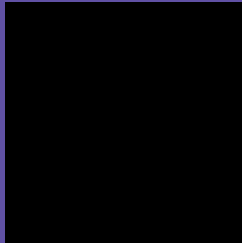
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0520, 0.2333, 0.1782

Background



This preview shows how black text looks on a background with the Yxy color 11.0520, 0.2333, 0.1782.



This preview shows how white text looks on a background with the Yxy color 11.0520, 0.2333, 0.1782.

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

11.0520, 0.2333, 0.1782

Protanopia

11.2163, 0.1940, 0.1714

Deuteranopia

11.2290, 0.1974, 0.1938



Tritanopia

11.0943, 0.2819, 0.3120

Trichromacy



Original Color

11.0520, 0.2333, 0.1782

Protanomaly

10.9120, 0.2049, 0.1723

Deuteranomaly

10.9131, 0.2063, 0.1860

Tritanomaly

10.9413, 0.2615, 0.2536

Monochromacy



Original Color

11.0520, 0.2333, 0.1782

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.1013, 0.2791, 0.2633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0520, 0.2333, 0.1782 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(96, 81, 164)` looks like.

```
.text, #text, p{  
    color:rgb(96, 81, 164)  
}
```

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(96, 81, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 81, 164) }
```

Border

The CSS property to change the border of an element to Yxy 11.0520, 0.2333, 0.1782 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(96, 81, 164) }
```

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

```
.border{ border-color:rgb(96, 81, 164) }
```

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

Here you see how a box with a 4 pixel rgb(96, 81, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 81, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 81, 164);  
box-shadow:4px 4px 4px 4px rgb(96, 81,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0520, 0.2333, 0.1782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 81, 164) }
```

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

```
.background{ background-color: rgb(96, 81,  
164) }
```

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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