

Converting Colors

$Y_{xy}(11.2501, 0.6367, 0.3281)$

Have a look what the booklet for
Yxy(11.2501, 0.6367, 0.3281)
contains.

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Color

Yxy(11.2196, 0.6369, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	C00006
RGB	192, 0, 6
RGB Percent	75%, 0%, 2%
CMY	0.2470, 1.0000, 0.9761
CMYK	0.00, 1.00, 0.97, 0.25
HSL	358°, 100%, 38%
HSV	358°, 100%, 75%
XYZ	21.7726, 11.2196, 1.1931
YIQ	58.0920, 112.5060, 42.5700

Conversions

Conversions Part 2

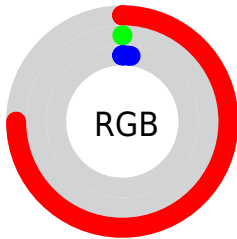
Format	Color
RYB	192, 0, 6
Decimal	12582918
CIELab	39.95, 64.78, 52.04
CIElCh	40, 83.093, 38.777
Yxy	11.2196, 0.6369, 0.3282
Android (android.graphics.Color)	4290772998 (0xFFC00006)
YUV	58.0920, -25.6814, 117.4373
Hunter-Lab	33.4957, 57.4097, 21.3351

Details

The Yxy color **11.2196, 0.6369, 0.3282** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **41.2428, 0.2274, 0.3385**, and the grayscale version is **4.2696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5704, 0.5683, 0.3486**, and **4.5892, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.2205, 0.6369, 0.3282**, and if you desaturate by 10%, it is **11.7485, 0.6170, 0.3273**.

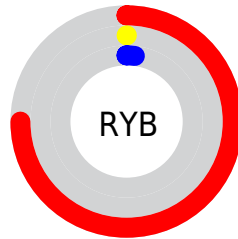
Distribution



Red (75%)

Green (0%)

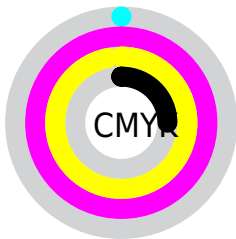
Blue (2%)



Red (75%)

Yellow (0%)

Blue (2%)

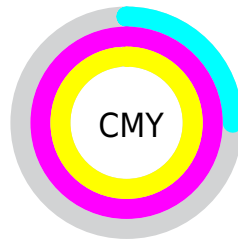


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (25%)



Cyan (25%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2196, 0.6369, 0.3282 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 11.2196, 0.6369, 0.3282 by changing the saturation by 10% instead.


 11.2196, 0.6369,
0.3282

 11.2196, 0.6369,
0.3282


 199.1680, 0.4525,
0.3548


 6.2147, 0.6896,
0.3104

 28.0655, 0.5689,
0.3482


 2.9761, 0.7305,
0.2695

 40.6754, 0.5430,
0.3523


 1.1193, 0.7892,
0.2108

 56.5891, 0.5213,
0.3544

 0.0000, 1.0000,
0.0000


 76.1909, 0.5030,
0.3555

 0.0000, 0.0000,
0.0000

 99.8653, 0.4874,
0.3558

 127.9967, 0.4741,

0.3557


 160.9695, 0.4625,
0.3553


 11.2196, 0.6369,
0.3282

 11.2196, 0.6369,
0.3282


 11.2205, 0.6369,
0.3282

 11.7485, 0.6170,
0.3273

 12.7956, 0.5830,
0.3259

 14.5396, 0.5390,
0.3252

 17.0732, 0.4920,
0.3250

 20.4751, 0.4477,
0.3253

■ 24.8144, 0.4091,
0.3259

■ 30.1533, 0.3768,
0.3267

■ 36.5485, 0.3506,
0.3275

■ 44.0525, 0.3296,
0.3283

Harmonies

Analogous

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



11.2196, 0.5720, 0.2498



11.2196, 0.6369, 0.3282



11.2196, 0.5749, 0.4251

Triad

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



11.2196, 0.6369, 0.3282



11.2196, 0.1799, 0.6053



11.2196, 0.1229, 0.1109

Complementary

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



11.2196, 0.6369, 0.3282



41.2428, 0.2274, 0.3385

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.



11.2196, 0.0795, 0.1247



11.2196, 0.6369, 0.3282



11.2196, 0.0957, 0.3509

Square

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



11.2196, 0.6369, 0.3282



11.2196, 0.3089, 0.6739



11.2196, 0.0696, 0.1871



11.2196, 0.2192, 0.1283

Rectangle

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



11.2196, 0.6369, 0.3282



11.2196, 0.4928, 0.5072



11.2196, 0.0696, 0.1871



11.2196, 0.1039, 0.1117

Sweetspot

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



11.2205, 0.6369, 0.3282



54.1249, 0.3782, 0.3266



14.1957, 0.3126, 0.1496



10.6889, 0.3913, 0.3263



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.



11.2205, 0.6369, 0.3282



20.3229, 0.6378, 0.3287



18.4526, 0.5509, 0.4008



10.0830, 0.3284, 0.3283



7.5519, 0.6361, 0.3278



0.3281, 0.6217, 0.3199

Inverse Universe

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



11.2205, 0.6369, 0.3282



20.3229, 0.6378, 0.3287



13.3881, 0.1802, 0.1686



10.0830, 0.3284, 0.3283



7.5519, 0.6361, 0.3278



0.3281, 0.6217, 0.3199

Previews

White Background



This preview shows how the Yxy color 11.2196, 0.6369, 0.3282 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



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 11.2196, 0.6369, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 11.2196, 0.6369, 0.3282.



This preview shows how white text looks on a background with the Yxy color 11.2196, 0.6369, 0.3282.

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

11.2196, 0.6369, 0.3282

Protanopia

11.8752, 0.4249, 0.4685

Deuteranopia

11.7919, 0.4686, 0.4661



Tritanopia

11.5090, 0.6329, 0.3356

Trichromacy



Original Color

11.2196, 0.6369, 0.3282

Protanomaly

8.9812, 0.5392, 0.3878

Deuteranomaly

9.3354, 0.5650, 0.3876

Tritanomaly

11.3201, 0.6350, 0.3326

Monochromacy



Original Color

11.2196, 0.6369, 0.3282

Achromatopsia

4.2311, 0.3127, 0.3290

Achromatomaly

4.5954, 0.5022, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2196, 0.6369, 0.3282 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(192, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 6)  
}
```

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(192, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 6) }
```

Border

The CSS property to change the border of an element to Yxy 11.2196, 0.6369, 0.3282 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(192, 0, 6) }
```

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

```
.border{ border-color:rgb(192, 0, 6) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(192, 0, 6); box-shadow:4px  
4px 4px 4px rgb(192, 0, 6) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2196, 0.6369, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 6) }
```

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

```
.background{ background-color: rgb(192, 0,  
6) }
```

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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