

Converting Colors

$Y_{xy}(17.5493, 0.5590, 0.3938)$

Have a look what the booklet for
Yxy(17.5493, 0.5590, 0.3938)
contains.

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Color

Yxy(17.5493, 0.5590, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	C05401
RGB	192, 84, 1
RGB Percent	75%, 33%, 0%
CMY	0.2471, 0.6705, 0.9960
CMYK	0.00, 0.56, 0.99, 0.25
HSL	26°, 99%, 38%
HSV	26°, 99%, 75%
XYZ	24.9113, 17.5493, 2.1034
YIQ	106.8300, 91.0110, -2.9170

Conversions

Conversions Part 2

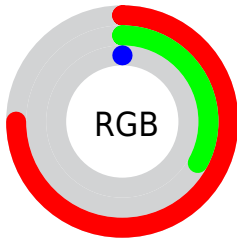
Format	Color
R_{YB}	192, 148, 1
Decimal	12604417
CIE Lab	48.94, 40.05, 58.31
CIE LCh	49, 70.736, 55.520
Yxy	17.5493, 0.5590, 0.3938
Android (android.graphics.Color)	4290794497 (0xFFC05401)
YUV	106.8300, -52.1742, 74.6941
Hunter-Lab	41.8919, 32.8353, 26.3473

Details

The Yxy color **17.5493, 0.5590, 0.3938** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **14.7447, 0.1836, 0.1806**, and the grayscale version is **14.7840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2052, 0.5120, 0.3945**, and **5.9130, 0.6026, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **17.4593, 0.5602, 0.3934**, and if you desaturate by 10%, it is **19.4173, 0.5359, 0.4011**.

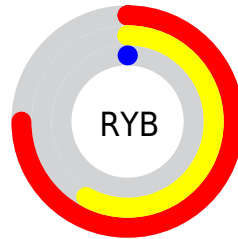
Distribution



Red (75%)

Green (33%)

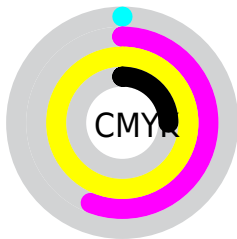
Blue (0%)



Red (75%)

Yellow (58%)

Blue (0%)

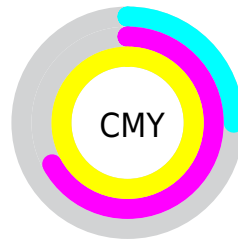


Cyan (0%)

Magenta (56%)

Yellow (99%)

Black (25%)



Cyan (25%)


Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5493, 0.5590, 0.3938 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 17.5493, 0.5590, 0.3938 by changing the saturation by 10% instead.


 17.5493, 0.5590,
0.3938


 17.5493, 0.5590,
0.3938


238.3183, 0.4268,
0.3771


 10.6269, 0.5894,
0.3881


 39.2678, 0.5119,
0.3945


 5.8165, 0.6255,
0.3745

 54.8327, 0.4936,
0.3924


 2.7339, 0.6585,
0.3415

 74.0473, 0.4780,
0.3899

 0.9944, 0.7107,
0.2893

 97.2959, 0.4646,
0.3872


 0.0000, 1.0000,
0.0000

 124.9628, 0.4531,
0.3845


 0.0000, 0.0000,
0.0000


 157.4326, 0.4432,


0.3819

 195.0896, 0.4345,
0.3794


 17.5493, 0.5590,
0.3938


 17.5493, 0.5590,
0.3938


 17.4593, 0.5602,
0.3934

 19.4173, 0.5359,
0.4011

 21.6056, 0.5088,
0.4036

 24.1413, 0.4789,
0.4011

 27.0431, 0.4485,
0.3944

 30.3276, 0.4192,
0.3850

■ 34.0103, 0.3922,
0.3739

■ 38.1056, 0.3679,
0.3622

■ 42.6270, 0.3466,
0.3505

■ 47.5876, 0.3280,
0.3392

Harmonies

Analogous

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



17.5493, 0.5535, 0.3145



17.5493, 0.5590, 0.3938



17.5493, 0.4885, 0.4847

Triad

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



17.5493, 0.5590, 0.3938



17.5493, 0.1705, 0.4286



17.5493, 0.1991, 0.1536

Complementary

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



17.5493, 0.5590, 0.3938



14.7447, 0.1836, 0.1806

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.



17.5493, 0.1355, 0.1513



17.5493, 0.5590, 0.3938



17.5493, 0.1189, 0.2718

Square

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



17.5493, 0.5590, 0.3938



17.5493, 0.2679, 0.5681



17.5493, 0.1102, 0.1842



17.5493, 0.3104, 0.1851

Rectangle

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



17.5493, 0.5590, 0.3938



17.5493, 0.4197, 0.5448



17.5493, 0.1102, 0.1842



17.5493, 0.1729, 0.1495

Sweetspot

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



17.5503, 0.5590, 0.3938



68.2737, 0.3703, 0.3634



12.3356, 0.4672, 0.2351



13.9573, 0.3803, 0.3684



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.



17.5503, 0.5590, 0.3938



31.1615, 0.5628, 0.3913



43.5484, 0.4313, 0.4955



10.7819, 0.3278, 0.3390



11.8993, 0.5580, 0.3951



0.6510, 0.5196, 0.4257

Inverse Universe

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



14.7447, 0.1836, 0.1806



26.0289, 0.1826, 0.1773



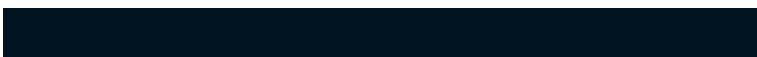
4.1189, 0.1514, 0.0644



10.6717, 0.2984, 0.3187



10.0130, 0.1838, 0.1817



0.5677, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 17.5493, 0.5590, 0.3938 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 17.5493, 0.5590, 0.3938 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 17.5493, 0.5590, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 17.5493, 0.5590, 0.3938.



This preview shows how white text looks on a background with the Yxy color 17.5493, 0.5590, 0.3938.

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

17.5493, 0.5590, 0.3938

Protanopia

17.6718, 0.4344, 0.4802

Deuteranopia

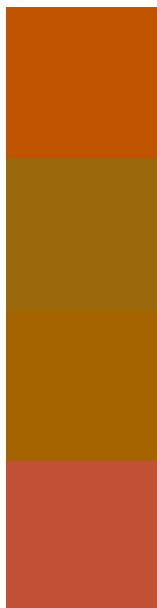
17.6648, 0.4706, 0.4645



Tritanopia

17.5426, 0.4891, 0.3234

Trichromacy



Original Color

17.5493, 0.5590, 0.3938

Protanomaly

16.9997, 0.4841, 0.4462

Deuteranomaly

17.1999, 0.5063, 0.4362

Tritanomaly

17.3318, 0.5291, 0.3595

Monochromacy



Original Color

17.5493, 0.5590, 0.3938

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.7443, 0.4185, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5493, 0.5590, 0.3938 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, 84, 1)` looks like.

```
.text, #text, p{  
    color:rgb(192, 84, 1)  
}
```

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, 84, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 84, 1) }
```

Border

The CSS property to change the border of an element to Yxy 17.5493, 0.5590, 0.3938 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, 84, 1) }
```

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

```
.border{ border-color:rgb(192, 84, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 84, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 84, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 84, 1);  
box-shadow:4px 4px 4px 4px rgb(192, 84, 1)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.5493, 0.5590, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 84, 1) }
```

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

```
.background{ background-color: rgb(192, 84,  
1) }
```

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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