

Converting Colors

$Y_{xy}(17.7599, 0.5593, 0.3914)$

Have a look what the booklet for
Yxy(17.7599, 0.5593, 0.3914)
contains.

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Color

Yxy(17.8209, 0.5591, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	C25405
RGB	194, 84, 5
RGB Percent	76%, 33%, 2%
CMY	0.2393, 0.6705, 0.9802
CMYK	0.00, 0.57, 0.97, 0.24
HSL	25°, 95%, 39%
HSV	25°, 97%, 76%
XYZ	25.4435, 17.8209, 2.2435
YIQ	107.8840, 90.9190, -1.2490

Conversions

Conversions Part 2

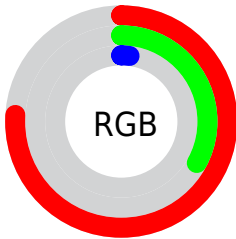
Format	Color
RYB	194, 141, 5
Decimal	12735493
CIELab	49.28, 40.87, 57.72
CIElCh	49, 70.724, 54.697
Yxy	17.8209, 0.5591, 0.3916
Android (android.graphics.Color)	4290925573 (0xFFC25405)
YUV	107.8840, -50.7218, 75.5237
Hunter-Lab	42.2148, 33.7086, 26.3994

Details

The Yxy color **17.8209, 0.5591, 0.3916** 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 **16.1917, 0.1865, 0.1895**, and the grayscale version is **15.0909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2272, 0.5106, 0.3932**, and **6.0196, 0.6053, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **17.3643, 0.5651, 0.3895**, and if you desaturate by 10%, it is **19.7753, 0.5348, 0.3986**.

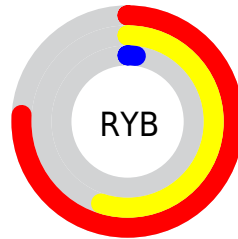
Distribution



Red (76%)

Green (33%)

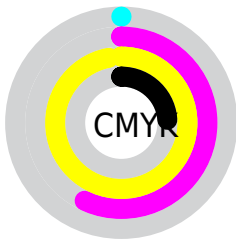
Blue (2%)



Red (76%)

Yellow (55%)

Blue (2%)

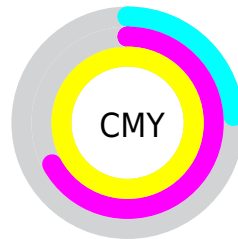


Cyan (0%)

Magenta (57%)

Yellow (97%)

Black (24%)



Cyan (24%)


Magenta (67%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8209, 0.5591, 0.3916 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 17.8209, 0.5591, 0.3916 by changing the saturation by 10% instead.


 17.8209, 0.5591,
0.3916


 17.8209, 0.5591,
0.3916


239.8596, 0.4267,
0.3758


 10.8215, 0.5894,
0.3857


 39.7319, 0.5118,
0.3924


 5.9469, 0.6271,
0.3729

 55.4123, 0.4934,
0.3905


 2.8128, 0.6600,
0.3400

 74.7551, 0.4778,
0.3881

 1.0348, 0.7119,
0.2881

 98.1448, 0.4645,
0.3855


 0.0000, 1.0000,
0.0000


 125.9656, 0.4530,
0.3829


 0.0000, 0.0000,
0.0000

 158.6021, 0.4431,

0.3804


 196.4387, 0.4344,
0.3780

 17.8209, 0.5591,
0.3916


 17.8209, 0.5591,
0.3916


 17.3643, 0.5651,
0.3895

 19.7753, 0.5348,
0.3986

 22.0800, 0.5061,
0.4004

 24.7598, 0.4751,
0.3972

 27.8344, 0.4440,
0.3903

 31.3214, 0.4145,
0.3808

■ 35.2376, 0.3876,
0.3700

■ 39.5983, 0.3636,
0.3587

■ 44.4181, 0.3427,
0.3474

■ 49.7109, 0.3245,
0.3366

Harmonies

Analogous

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



17.8209, 0.5508, 0.3127



17.8209, 0.5591, 0.3916



17.8209, 0.4906, 0.4818

Triad

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



17.8209, 0.5591, 0.3916



17.8209, 0.1734, 0.4328



17.8209, 0.1972, 0.1538

Complementary

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



17.8209, 0.5591, 0.3916



16.1917, 0.1865, 0.1895

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.



17.8209, 0.1349, 0.1523



17.8209, 0.5591, 0.3916



17.8209, 0.1204, 0.2756

Square

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



17.8209, 0.5591, 0.3916



17.8209, 0.2714, 0.5686



17.8209, 0.1107, 0.1864



17.8209, 0.3068, 0.1845

Rectangle

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



17.8209, 0.5591, 0.3916



17.8209, 0.4226, 0.5418



17.8209, 0.1107, 0.1864



17.8209, 0.1715, 0.1499

Sweetspot

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



17.8219, 0.5591, 0.3916



70.0579, 0.3683, 0.3610



12.8208, 0.4565, 0.2303



14.5831, 0.3786, 0.3660



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.



17.8219, 0.5591, 0.3916



30.9883, 0.5677, 0.3874



43.4153, 0.4337, 0.4924



10.7542, 0.3279, 0.3387



11.5726, 0.5628, 0.3913



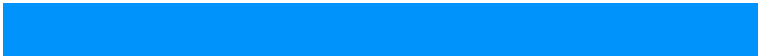
0.6360, 0.5232, 0.4228

Inverse Universe

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



16.1917, 0.1865, 0.1895



27.9035, 0.1842, 0.1832



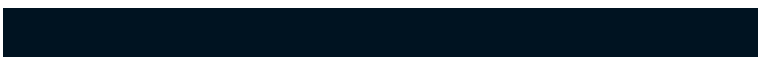
4.4557, 0.1528, 0.0676



10.6999, 0.2984, 0.3191



10.4781, 0.1854, 0.1875



0.5864, 0.1951, 0.2224

Previews

White Background



This preview shows how the Yxy color 17.8209, 0.5591, 0.3916 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 17.8209, 0.5591, 0.3916 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 17.8209, 0.5591, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 17.8209, 0.5591, 0.3916.



This preview shows how white text looks on a background with the Yxy color 17.8209, 0.5591, 0.3916.

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

17.8209, 0.5591, 0.3916

Protanopia

17.9904, 0.4339, 0.4799

Tritanopia

17.8091, 0.4913, 0.3235

Trichromacy



Original Color

17.8209, 0.5591, 0.3916

Protanomaly

17.3083, 0.4829, 0.4458

Tritanomaly

17.6153, 0.5285, 0.3572

Monochromacy



Original Color

17.8209, 0.5591, 0.3916

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.8676, 0.4156, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8209, 0.5591, 0.3916 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(194, 84, 5)` looks like.

```
.text, #text, p{  
    color:rgb(194, 84, 5)  
}
```

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(194, 84, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 84, 5) }
```

Border

The CSS property to change the border of an element to Yxy 17.8209, 0.5591, 0.3916 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(194, 84, 5) }
```

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

```
.border{ border-color:rgb(194, 84, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 84, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 84, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 84, 5);  
box-shadow:4px 4px 4px 4px rgb(194, 84, 5)  
}
```

Background

The CSS property to change the background color of an element to Yxy 17.8209, 0.5591, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 84, 5) }
```

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

```
.background{ background-color: rgb(194, 84,  
5) }
```

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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