

Converting Colors

$Yxy(18.0193, 0.5507, 0.3971)$

Have a look what the booklet for
Yxy(18.0193, 0.5507, 0.3971)
contains.

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Color

$Y_{xy}(18.0712, 0.5503, 0.3976)$

Conversions

Conversions Part 1

Format	Color
Hex	BF5807
RGB	191, 88, 7
RGB Percent	75%, 35%, 3%
CMY	0.2510, 0.6548, 0.9729
CMYK	0.00, 0.54, 0.96, 0.25
HSL	26°, 93%, 39%
HSV	26°, 96%, 75%
XYZ	25.0115, 18.0712, 2.3680
YIQ	109.5630, 87.3890, -3.3550

Conversions

Conversions Part 2

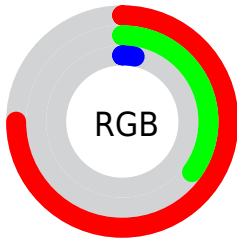
Format	Color
R_{YB}	191, 152, 7
Decimal	12539911
CIE Lab	49.58, 37.73, 57.25
CIE LCh	50, 68.560, 56.615
Yxy	18.0712, 0.5503, 0.3976
Android (android.graphics.Color)	4290729991 (0xFFBF5807)
YUV	109.5630, -50.5636, 71.4202
Hunter-Lab	42.5102, 30.6302, 26.4545

Details

The Yxy color **18.0712, 0.5503, 0.3976** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **14.9309, 0.1850, 0.1835**, and the grayscale version is **15.5884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2087, 0.5046, 0.3962**, and **6.1321, 0.5930, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **17.4395, 0.5584, 0.3948**, and if you desaturate by 10%, it is **20.0164, 0.5264, 0.4037**.

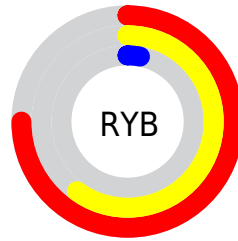
Distribution



Red (75%)

Green (35%)

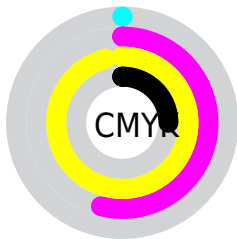
Blue (3%)



Red (75%)

Yellow (60%)

Blue (3%)

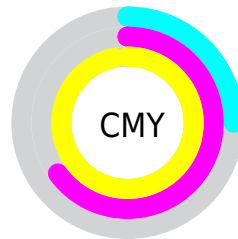


Cyan (0%)

Magenta (54%)

Yellow (96%)

Black (25%)



Cyan (25%)

Magenta (65%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0712, 0.5503, 0.3976 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 18.0712, 0.5503, 0.3976 by changing the saturation by 10% instead.


 18.0712, 0.5503,
0.3976

 18.0712, 0.5503,
0.3976


241.2721, 0.4227,
0.3774


 11.0011, 0.5794,
0.3931


 40.1586, 0.5046,
0.3964

 6.0676, 0.6168,
0.3832


 55.9447, 0.4869,
0.3939

 2.8862, 0.6477,
0.3523


 75.4050, 0.4719,
0.3910

 1.0726, 0.6968,
0.3032

 98.9238, 0.4591,
0.3880

 0.0000, 1.0000,
0.0000

 126.8855, 0.4480,
0.3851

 0.0000, 0.0000,
0.0000


 159.6745, 0.4384,


0.3823


 197.6752, 0.4300,
0.3798

 18.0712, 0.5503,
0.3976


 18.0712, 0.5503,
0.3976


 17.4395, 0.5584,
0.3948

 20.0164, 0.5264,
0.4037

 22.2844, 0.4985,
0.4044

 24.8964, 0.4686,
0.4004

 27.8697, 0.4386,
0.3926

 31.2201, 0.4102,
0.3824

■ 34.9621, 0.3842,
0.3709

■ 39.1096, 0.3609,
0.3590

■ 43.6754, 0.3405,
0.3472

■ 48.6718, 0.3228,
0.3359

Harmonies

Analogous

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



18.0712, 0.5466, 0.3192



18.0712, 0.5503, 0.3976



18.0712, 0.4818, 0.4857

Triad

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



18.0712, 0.5503, 0.3976



18.0712, 0.1731, 0.4184



18.0712, 0.2060, 0.1590

Complementary

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



18.0712, 0.5503, 0.3976



14.9309, 0.1850, 0.1835

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.



18.0712, 0.1419, 0.1559



18.0712, 0.5503, 0.3976



18.0712, 0.1235, 0.2706

Square

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



18.0712, 0.5503, 0.3976



18.0712, 0.2672, 0.5543



18.0712, 0.1158, 0.1873



18.0712, 0.3157, 0.1910

Rectangle

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



18.0712, 0.5503, 0.3976



18.0712, 0.4150, 0.5417



18.0712, 0.1158, 0.1873



18.0712, 0.1798, 0.1547

Sweetspot

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



18.0722, 0.5503, 0.3976



67.6922, 0.3678, 0.3626



12.3773, 0.4609, 0.2334



14.1616, 0.3778, 0.3678



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.



18.0722, 0.5503, 0.3976



30.7727, 0.5610, 0.3928



43.2166, 0.4302, 0.4947



10.2096, 0.3278, 0.3391



11.6175, 0.5561, 0.3966



0.5855, 0.5153, 0.4290

Inverse Universe

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



14.9309, 0.1850, 0.1835



25.0179, 0.1820, 0.1753



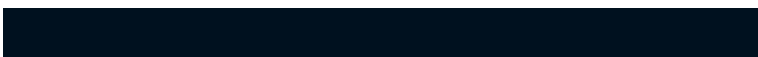
4.2774, 0.1529, 0.0673



10.0866, 0.2984, 0.3186



9.5235, 0.1833, 0.1799



0.5014, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 18.0712, 0.5503, 0.3976 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 18.0712, 0.5503, 0.3976 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 18.0712, 0.5503, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 18.0712, 0.5503, 0.3976.



This preview shows how white text looks on a background with the Yxy color 18.0712, 0.5503, 0.3976.

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

18.0712, 0.5503, 0.3976

Protanopia

18.3090, 0.4339, 0.4801

Deuteranopia

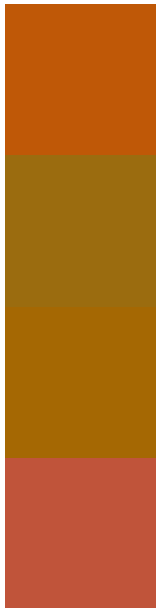
18.2943, 0.4699, 0.4651



Tritanopia

18.0602, 0.4783, 0.3232

Trichromacy



Original Color

18.0712, 0.5503, 0.3976

Protanomaly

17.7282, 0.4793, 0.4480

Deuteranomaly

17.9065, 0.5014, 0.4383

Tritanomaly

17.8526, 0.5174, 0.3598

Monochromacy



Original Color

18.0712, 0.5503, 0.3976

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.4727, 0.4100, 0.3821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0712, 0.5503, 0.3976 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(191, 88, 7)` looks like.

```
.text, #text, p{  
    color:rgb(191, 88, 7)  
}
```

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(191, 88, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 88, 7) }
```

Border

The CSS property to change the border of an element to Yxy 18.0712, 0.5503, 0.3976 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(191, 88, 7) }
```

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

```
.border{ border-color:rgb(191, 88, 7) }
```

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

Here you see how a box with a 4 pixel rgb(191, 88, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 88, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 88, 7);  
box-shadow:4px 4px 4px 4px rgb(191, 88, 7)  
}
```


Background

The CSS property to change the background color of an element to Yxy 18.0712, 0.5503, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 88, 7) }
```

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

```
.background{ background-color: rgb(191, 88,  
7) }
```

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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