

Converting Colors

$Y_{xy}(17.5941, 0.5419, 0.4089)$

Have a look what the booklet for
Yxy(17.5941, 0.5419, 0.4089)
contains.

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Color

Yxy(17.5495, 0.5414, 0.4083)

Conversions

Conversions Part 1

Format	Color
Hex	B75B00
RGB	183, 91, 0
RGB Percent	72%, 36%, 0%
CMY	0.2823, 0.6431, 0.9998
CMYK	0.00, 0.50, 1.00, 0.28
HSL	30°, 100%, 36%
HSV	30°, 100%, 72%
XYZ	23.2704, 17.5495, 2.1620
YIQ	108.1340, 84.0430, -8.7970

Conversions

Conversions Part 2

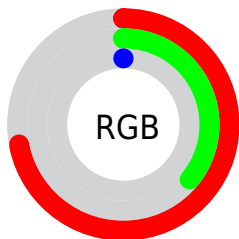
Format	Color
RYB	183, 181, 0
Decimal	12016384
CIELab	48.95, 32.86, 57.82
CIElCh	49, 66.501, 60.390
Yxy	17.5495, 0.5414, 0.4083
Android (android.graphics.Color)	4290206464 (0xFFB75B00)
YUV	108.1340, -53.3101, 65.6575
Hunter-Lab	41.8921, 25.8426, 26.2646

Details

The Yxy color **17.5495, 0.5414, 0.4083** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **11.0809, 0.1775, 0.1589**, and the grayscale version is **15.1728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0954, 0.4982, 0.4043**, and **5.8669, 0.5796, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **17.5467, 0.5414, 0.4083**, and if you desaturate by 10%, it is **19.2662, 0.5207, 0.4142**.

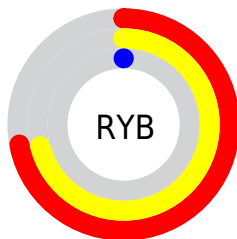
Distribution



Red (72%)

Green (36%)

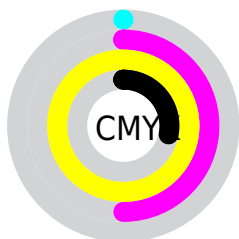
Blue (0%)



Red (72%)

Yellow (71%)

Blue (0%)

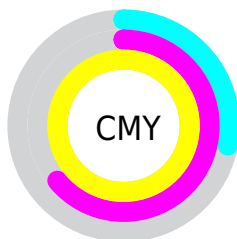


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (28%)



Cyan (28%)


Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5495, 0.5414, 0.4083 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 17.5495, 0.5414, 0.4083 by changing the saturation by 10% instead.


 17.5495, 0.5414,
0.4083


 17.5495, 0.5414,
0.4083


238.3194, 0.4187,
0.3814


 10.6270, 0.5694,
0.4057


 39.2682, 0.4977,
0.4046


 5.8166, 0.6033,
0.3967

 54.8332, 0.4807,
0.4011


 2.7339, 0.6321,
0.3679

 74.0478, 0.4662,
0.3974

 0.9944, 0.6790,
0.3210

 97.2965, 0.4538,
0.3938


 0.0000, 1.0000,
0.0000

 124.9636, 0.4432,
0.3904

 0.0000, 0.0000,
0.0000

 157.4335, 0.4339,

0.3872

 195.0906, 0.4259,
0.3842


 17.5495, 0.5414,
0.4083


 17.5495, 0.5414,
0.4083

 17.5467, 0.5414,
0.4083

 19.2662, 0.5207,
0.4142

 21.2234, 0.4967,
0.4155

 23.4438, 0.4702,
0.4118

 25.9412, 0.4427,
0.4039

 28.7277, 0.4158,
0.3931

■ 31.8145, 0.3906,
0.3806

■ 35.2121, 0.3675,
0.3674

■ 38.9303, 0.3469,
0.3541

■ 42.9785, 0.3287,
0.3412

Harmonies

Analogous

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



17.5495, 0.5478, 0.3294



17.5495, 0.5414, 0.4083



17.5495, 0.4685, 0.4953

Triad

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



17.5495, 0.5414, 0.4083



17.5495, 0.1670, 0.3963



17.5495, 0.2189, 0.1639

Complementary

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



17.5495, 0.5414, 0.4083



11.0809, 0.1775, 0.1589

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.



17.5495, 0.1501, 0.1571



17.5495, 0.5414, 0.4083



17.5495, 0.1234, 0.2582

Square

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



17.5495, 0.5414, 0.4083



17.5495, 0.2554, 0.5380



17.5495, 0.1199, 0.1835



17.5495, 0.3322, 0.1990

Rectangle

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



17.5495, 0.5414, 0.4083



17.5495, 0.4012, 0.5469



17.5495, 0.1199, 0.1835



17.5495, 0.1911, 0.1584

Sweetspot

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



17.5505, 0.5414, 0.4083



62.7323, 0.3686, 0.3681



10.8870, 0.4887, 0.2466



13.2783, 0.3781, 0.3737



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



17.5505, 0.5414, 0.4083



30.9640, 0.5439, 0.4064



42.6916, 0.4222, 0.5029



9.7299, 0.3276, 0.3404



12.3776, 0.5396, 0.4097



0.5602, 0.5007, 0.4406

Inverse Universe

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



11.0809, 0.1775, 0.1589



19.3761, 0.1767, 0.1561



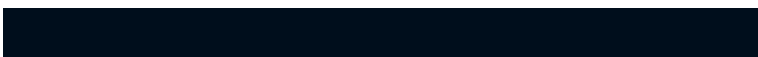
3.4864, 0.1503, 0.0611



9.4457, 0.2985, 0.3173



7.8647, 0.1780, 0.1609



0.4010, 0.1911, 0.2078

Previews

White Background



This preview shows how the Yxy color 17.5495, 0.5414, 0.4083 looks on a white background.

Color Contrast Check

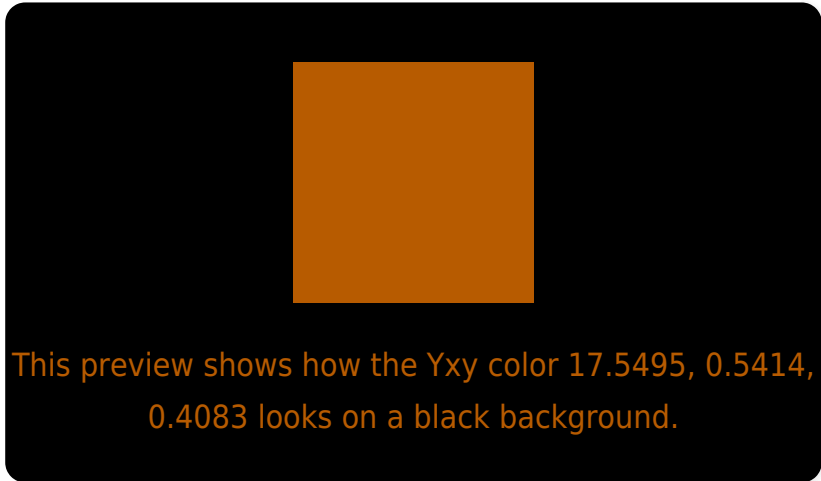
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 17.5495, 0.5414, 0.4083

Background



This preview shows how black text looks on a background with the Yxy color 17.5495, 0.5414, 0.4083.



This preview shows how white text looks on a background with the Yxy color 17.5495, 0.5414, 0.4083.

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

17.5495, 0.5414, 0.4083

Protanopia

17.6655, 0.4352, 0.4814

Deuteranopia

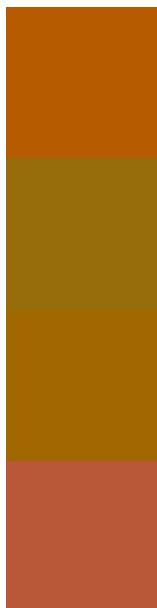
17.6648, 0.4706, 0.4645



Tritanopia

17.6743, 0.4628, 0.3227

Trichromacy



Original Color

17.5495, 0.5414, 0.4083

Protanomaly

17.3263, 0.4762, 0.4538

Deuteranomaly

17.4777, 0.4979, 0.4429

Tritanomaly

17.4261, 0.5081, 0.3665

Monochromacy



Original Color

17.5495, 0.5414, 0.4083

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.0833, 0.4097, 0.3907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5495, 0.5414, 0.4083 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(183, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(183, 91, 0)  
}
```

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(183, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 91, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.5495, 0.5414, 0.4083 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(183, 91, 0) }
```

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

```
.border{ border-color:rgb(183, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(183, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(183, 91, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.5495, 0.5414, 0.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 91, 0) }
```

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

```
.background{ background-color: rgb(183, 91,  
0) }
```

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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