

Converting Colors

$Y_{xy}(17.4697, 0.5131, 0.3941)$

Have a look what the booklet for
Yxy(17.4697, 0.5131, 0.3941)
contains.

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Color

Yxy(17.5589, 0.5136, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	B35D27
RGB	179, 93, 39
RGB Percent	70%, 36%, 15%
CMY	0.2980, 0.6353, 0.8471
CMYK	0.00, 0.48, 0.78, 0.30
HSL	23°, 64%, 43%
HSV	23°, 78%, 70%
XYZ	22.8715, 17.5589, 4.1014
YIQ	112.5580, 68.5900, 1.4380

Conversions

Conversions Part 2

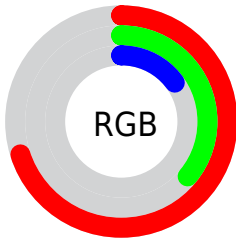
Format	Color
R _Y B	179, 127, 39
Decimal	11754791
CIE Lab	48.96, 31.01, 44.95
CIE LCh	49, 54.610, 55.399
Yxy	17.5589, 0.5136, 0.3943
Android (android.graphics.Color)	4289944871 (0xFFB35D27)
YUV	112.5580, -36.2641, 58.2696
Hunter-Lab	41.9033, 24.0974, 23.5292

Details

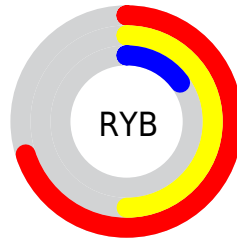
The Yxy color **17.5589, 0.5136, 0.3943** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.3485, 0.2038, 0.2294**, and the grayscale version is **16.4699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4806, 0.4705, 0.3885**, and **5.7944, 0.5725, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **15.6746, 0.5435, 0.3917**, and if you desaturate by 10%, it is **19.7786, 0.4812, 0.3921**.

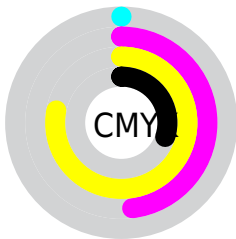
Distribution



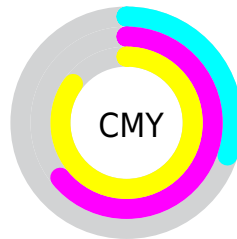
- Red (70%)
- Green (36%)
- Blue (15%)



- Red (70%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (48%)
- Yellow (78%)
- Black (30%)





- Cyan (30%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5589, 0.5136, 0.3943 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 17.5589, 0.5136, 0.3943 by changing the saturation by 10% instead.


 17.5589, 0.5136,
0.3943


 17.5589, 0.5136,
0.3943


238.3729, 0.4011,
0.3682


 10.6338, 0.5428,
0.3948


 39.2843, 0.4710,
0.3883


 5.8211, 0.5833,
0.3932

 54.8533, 0.4553,
0.3848


 2.7366, 0.6250,
0.3750

 74.0724, 0.4423,
0.3814

 0.9958, 0.6702,
0.3298

 97.3259, 0.4313,
0.3783

 0.0000, 1.0000,
0.0000

 124.9984, 0.4220,
0.3754

 0.0000, 0.0000,
0.0000

 157.4741, 0.4141,

0.3728

195.1375, 0.4071,
0.3704

17.5589, 0.5136,
0.3943

17.5589, 0.5136,
0.3943

15.6746, 0.5435,
0.3917

19.7786, 0.4812,
0.3921

14.0995, 0.5689,
0.3844

22.3488, 0.4488,
0.3860

13.8481, 0.5732,
0.3830

25.2871, 0.4182,
0.3775

28.6085, 0.3904,
0.3676

32.3273, 0.3657,
0.3571

■ 36.4571, 0.3443,
0.3468

■ 41.0105, 0.3259,
0.3368

■ 45.9997, 0.3101,
0.3274

■ 51.4364, 0.2966,
0.3187

Harmonies

Analogous

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



17.5589, 0.5013, 0.3241



17.5589, 0.5136, 0.3943



17.5589, 0.4645, 0.4665

Triad

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



17.5589, 0.5136, 0.3943



17.5589, 0.2018, 0.4060



17.5589, 0.2214, 0.1830

Complementary

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



17.5589, 0.5136, 0.3943



18.3485, 0.2038, 0.2294

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.



17.5589, 0.1654, 0.1825



17.5589, 0.5136, 0.3943



17.5589, 0.1537, 0.2893

Square

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



17.5589, 0.5136, 0.3943



17.5589, 0.2848, 0.5066



17.5589, 0.1433, 0.2144



17.5589, 0.3126, 0.2104

Rectangle

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



17.5589, 0.5136, 0.3943



17.5589, 0.4108, 0.5070



17.5589, 0.1433, 0.2144



17.5589, 0.1987, 0.1797

Sweetspot

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



17.5598, 0.5136, 0.3943



61.3769, 0.3550, 0.3521



12.5231, 0.4094, 0.2225



13.0230, 0.3629, 0.3558



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



17.5598, 0.5136, 0.3943



25.9457, 0.5624, 0.3865



35.8073, 0.4269, 0.4778



9.0250, 0.3278, 0.3378



9.9032, 0.5711, 0.3847



0.4267, 0.5192, 0.4259

Inverse Universe

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



18.3485, 0.2038, 0.2294



27.0685, 0.1909, 0.2040



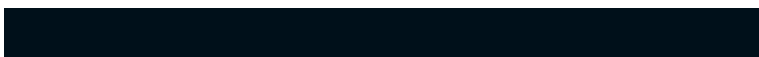
6.4484, 0.1721, 0.1072



9.0699, 0.2986, 0.3200



10.3002, 0.1887, 0.1994



0.4330, 0.1999, 0.2396

Previews

White Background



This preview shows how the Yxy color 17.5589, 0.5136, 0.3943 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 17.5589, 0.5136, 0.3943 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 17.5589, 0.5136, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 17.5589, 0.5136, 0.3943.



This preview shows how white text looks on a background with the Yxy color 17.5589, 0.5136, 0.3943.

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

17.5589, 0.5136, 0.3943

Protanopia

17.6657, 0.4131, 0.4544

Deuteranopia

17.6817, 0.4546, 0.4468



Tritanopia

17.5518, 0.4513, 0.3210

Trichromacy



Original Color

17.5589, 0.5136, 0.3943

Protanomaly

17.1954, 0.4518, 0.4314

Deuteranomaly

17.3929, 0.4785, 0.4257

Tritanomaly

17.4496, 0.4795, 0.3511

Monochromacy



Original Color

17.5589, 0.5136, 0.3943

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.2983, 0.3854, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5589, 0.5136, 0.3943 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(179, 93, 39)` looks like.

```
.text, #text, p{  
    color:rgb(179, 93, 39)  
}
```

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(179, 93, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 93, 39) }
```

Border

The CSS property to change the border of an element to Yxy 17.5589, 0.5136, 0.3943 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(179, 93, 39) }
```

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

```
.border{ border-color:rgb(179, 93, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 93, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 93, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 93, 39);  
box-shadow:4px 4px 4px 4px rgb(179, 93,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5589, 0.5136, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 93, 39) }
```

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

```
.background{ background-color: rgb(179, 93,  
39) }
```

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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