

Converting Colors

$Y_{xy}(17.7396, 0.5155, 0.3626)$

Have a look what the booklet for
Yxy(17.7396, 0.5155, 0.3626)
contains.

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Color

Yxy(17.7396, 0.5155, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	BE5539
RGB	190, 85, 57
RGB Percent	75%, 33%, 22%
CMY	0.2549, 0.6666, 0.7765
CMYK	0.00, 0.55, 0.70, 0.25
HSL	13°, 54%, 48%
HSV	13°, 70%, 75%
XYZ	25.2200, 17.7396, 5.9638
YIQ	113.2030, 71.5680, 13.5520

Conversions

Conversions Part 2

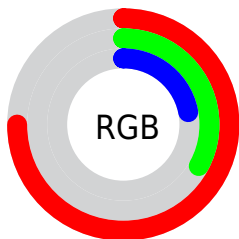
Format	Color
R _{YB}	190, 92, 57
Decimal	12473657
CIE Lab	49.18, 40.35, 36.42
CIE LCh	49, 54.360, 42.070
Yxy	17.7396, 0.5155, 0.3626
Android (android.graphics.Color)	4290663737 (0xFFBE5539)
YUV	113.2030, -27.7081, 67.3510
Hunter-Lab	42.1184, 33.1764, 21.0877

Details

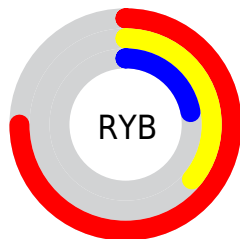
The Yxy color **17.7396, 0.5155, 0.3626** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **30.4126, 0.2220, 0.2826**, and the grayscale version is **16.6461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4205, 0.4706, 0.3618**, and **5.8601, 0.5900, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **15.4686, 0.5554, 0.3614**, and if you desaturate by 10%, it is **20.5838, 0.4749, 0.3608**.

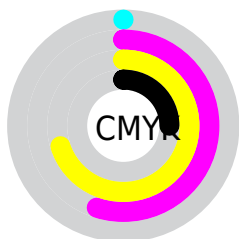
Distribution



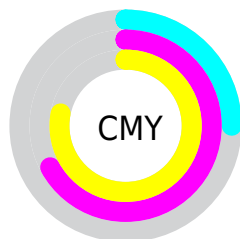
- Red (75%)
- Green (33%)
- Blue (22%)



- Red (75%)
- Yellow (36%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (70%)
- Black (25%)




- Cyan (25%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7396, 0.5155, 0.3626 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 17.7396, 0.5155, 0.3626 by changing the saturation by 10% instead.


 17.7396, 0.5155,
0.3626


 17.7396, 0.5155,
0.3626


239.3992, 0.3997,
0.3527


 10.7632, 0.5477,
0.3601


 39.5931, 0.4704,
0.3620


 5.9078, 0.5895,
0.3525

 55.2390, 0.4543,
0.3607


 2.7891, 0.6586,
0.3414

 74.5435, 0.4410,
0.3593

 1.0227, 0.7105,
0.2895

 97.8910, 0.4300,
0.3579

 0.0000, 1.0000,
0.0000

 125.6660, 0.4206,
0.3565

 0.0000, 0.0000,
0.0000

 158.2527, 0.4126,

0.3551

196.0357, 0.4057,
0.3539

■ 17.7396, 0.5155,
0.3626

■ 17.7396, 0.5155,
0.3626

■ 15.4686, 0.5554,
0.3614

■ 20.5838, 0.4749,
0.3608

■ 13.7276, 0.5899,
0.3564

■ 24.0345, 0.4368,
0.3567

■ 12.4660, 0.6159,
0.3491

■ 28.1257, 0.4030,
0.3515

■ 32.8882, 0.3741,
0.3457

■ 38.3504, 0.3498,
0.3399

■ 44.5395, 0.3295,
0.3343

■ 51.4808, 0.3127,
0.3290

■ 59.1988, 0.2988,
0.3242

■ 67.7165, 0.2872,
0.3197

Harmonies

Analogous

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



17.7396, 0.4716, 0.2951



17.7396, 0.5155, 0.3626



17.7396, 0.4912, 0.4344

Triad

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



17.7396, 0.5155, 0.3626



17.7396, 0.2360, 0.4571



17.7396, 0.1929, 0.1802

Complementary

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



17.7396, 0.5155, 0.3626



30.4126, 0.2220, 0.2826

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.



17.7396, 0.1526, 0.1930



17.7396, 0.5155, 0.3626



17.7396, 0.1711, 0.3378

Square

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



17.7396, 0.5155, 0.3626



17.7396, 0.3275, 0.5227



17.7396, 0.1447, 0.2424



17.7396, 0.2685, 0.1959

Rectangle

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



17.7396, 0.5155, 0.3626



17.7396, 0.4473, 0.4806



17.7396, 0.1447, 0.2424



17.7396, 0.1757, 0.1810

Sweetspot

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



17.7406, 0.5155, 0.3626



68.1095, 0.3528, 0.3406



16.5289, 0.3563, 0.2007



14.3304, 0.3593, 0.3423



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.



17.7406, 0.5155, 0.3626



26.2307, 0.5748, 0.3592



33.0818, 0.4415, 0.4441



9.8535, 0.3283, 0.3339



8.3848, 0.6139, 0.3508



0.4251, 0.5678, 0.3874

Inverse Universe

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



30.4126, 0.2220, 0.2826



50.1571, 0.2116, 0.2708



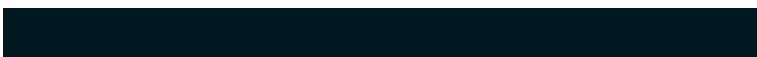
13.1151, 0.1935, 0.1664



10.4589, 0.2985, 0.3241



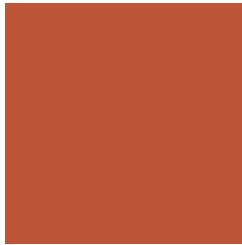
17.0837, 0.2057, 0.2606



0.7563, 0.2108, 0.2788

Previews

White Background



This preview shows how the Yxy color 17.7396, 0.5155, 0.3626 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 17.7396, 0.5155, 0.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

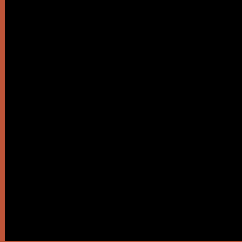
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.7396, 0.5155, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 17.7396, 0.5155, 0.3626.



This preview shows how white text looks on a background with the Yxy color 17.7396, 0.5155, 0.3626.

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

17.7396, 0.5155, 0.3626

Protanopia

18.0413, 0.3882, 0.4226

Deuteranopia

17.9383, 0.4363, 0.4290



Tritanopia

17.6493, 0.4768, 0.3218

Trichromacy



Original Color

17.7396, 0.5155, 0.3626

Protanomaly

17.2575, 0.4353, 0.3987

Deuteranomaly

17.4412, 0.4676, 0.4019

Tritanomaly

17.6328, 0.4933, 0.3370

Monochromacy



Original Color

17.7396, 0.5155, 0.3626

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.1535, 0.3830, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7396, 0.5155, 0.3626 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(190, 85, 57)` looks like.

```
.text, #text, p{  
    color:rgb(190, 85, 57)  
}
```

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(190, 85, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 85, 57) }
```

Border

The CSS property to change the border of an element to Yxy 17.7396, 0.5155, 0.3626 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(190, 85, 57) }
```

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

```
.border{ border-color:rgb(190, 85, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 85, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 85, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 85, 57);  
box-shadow:4px 4px 4px 4px rgb(190, 85,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7396, 0.5155, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 85, 57) }
```

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

```
.background{ background-color: rgb(190, 85,  
57) }
```

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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