

Converting Colors

$Y_{xy}(17.1413, 0.5082, 0.3655)$

Have a look what the booklet for
Yxy(17.1413, 0.5082, 0.3655)
contains.

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Color

Yxy(17.1413, 0.5082, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	B85639
RGB	184, 86, 57
RGB Percent	72%, 34%, 22%
CMY	0.2784, 0.6627, 0.7765
CMYK	0.00, 0.53, 0.69, 0.28
HSL	14°, 53%, 47%
HSV	14°, 69%, 72%
XYZ	23.8337, 17.1413, 5.9232
YIQ	111.9960, 67.7170, 11.7570

Conversions

Conversions Part 2

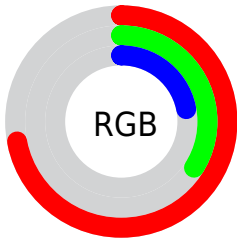
Format	Color
R_{YB}	184, 95, 57
Decimal	12080697
CIE Lab	48.44, 37.55, 35.32
CIE LCh	48, 51.549, 43.246
Yxy	17.1413, 0.5082, 0.3655
Android (android.graphics.Color)	4290270777 (0xFFB85639)
YUV	111.9960, -27.1130, 63.1475
Hunter-Lab	41.4021, 30.3025, 20.4990

Details

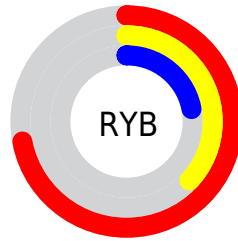
The Yxy color **17.1413, 0.5082, 0.3655** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **27.7720, 0.2220, 0.2795**, and the grayscale version is **16.2688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6094, 0.4645, 0.3638**, and **5.6483, 0.5809, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **14.9441, 0.5476, 0.3648**, and if you desaturate by 10%, it is **19.8573, 0.4686, 0.3630**.

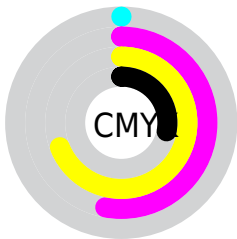
Distribution



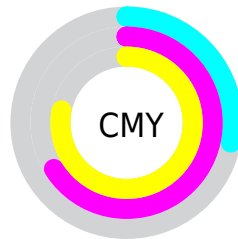
- Red (72%)
- Green (34%)
- Blue (22%)



- Red (72%)
- Yellow (37%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (69%)
- Black (28%)





- Cyan (28%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1413, 0.5082, 0.3655 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 17.1413, 0.5082, 0.3655 by changing the saturation by 10% instead.


 17.1413, 0.5082,
0.3655


 17.1413, 0.5082,
0.3655


235.9853, 0.3958,
0.3532


 10.3353, 0.5399,
0.3639

 38.5686, 0.4642,
0.3638


 5.6218, 0.5815,
0.3576


 53.9586, 0.4485,
0.3621

 2.6165, 0.6515,
0.3485

 72.9788, 0.4357,
0.3605

 0.9350, 0.7035,
0.2965

 96.0134, 0.4250,
0.3588

 0.0000, 1.0000,
0.0000

 123.4471, 0.4160,
0.3572

 0.0000, 0.0000,
0.0000

 155.6640, 0.4083,

0.3558

193.0486, 0.4016,
0.3545

■ 17.1413, 0.5082,
0.3655

■ 17.1413, 0.5082,
0.3655

■ 14.9441, 0.5476,
0.3648

■ 19.8573, 0.4686,
0.3630

■ 13.2285, 0.5826,
0.3603

■ 23.1202, 0.4317,
0.3585

■ 11.9522, 0.6097,
0.3528

■ 26.9597, 0.3990,
0.3527

■ 11.8480, 0.6122,
0.3521

■ 31.4022, 0.3710,
0.3464

■ 36.4724, 0.3474,
0.3401

■ 42.1937, 0.3276,
0.3341

■ 48.5884, 0.3112,
0.3285

■ 55.6776, 0.2976,
0.3233

■ 63.4813, 0.2861,
0.3185

Harmonies

Analogous

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



17.1413, 0.4681, 0.2993



17.1413, 0.5082, 0.3655



17.1413, 0.4836, 0.4351

Triad

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



17.1413, 0.5082, 0.3655



17.1413, 0.2363, 0.4472



17.1413, 0.1992, 0.1849

Complementary

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



17.1413, 0.5082, 0.3655



27.7720, 0.2220, 0.2795

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.



17.1413, 0.1585, 0.1966



17.1413, 0.5082, 0.3655



17.1413, 0.1744, 0.3337

Square

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



17.1413, 0.5082, 0.3655



17.1413, 0.3245, 0.5134



17.1413, 0.1497, 0.2435



17.1413, 0.2739, 0.2012

Rectangle

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



17.1413, 0.5082, 0.3655



17.1413, 0.4408, 0.4787



17.1413, 0.1497, 0.2435



17.1413, 0.1819, 0.1855

Sweetspot

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



17.1422, 0.5082, 0.3655



63.8703, 0.3525, 0.3416



15.5335, 0.3587, 0.2043



13.2183, 0.3588, 0.3433



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.



17.1422, 0.5082, 0.3655



25.3164, 0.5672, 0.3629



31.6711, 0.4373, 0.4454



9.3362, 0.3282, 0.3343



8.2563, 0.6101, 0.3537



0.3866, 0.5598, 0.3937

Inverse Universe

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



27.7720, 0.2220, 0.2795



45.4406, 0.2108, 0.2666



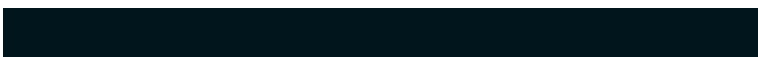
12.1565, 0.1943, 0.1657



9.8534, 0.2985, 0.3237



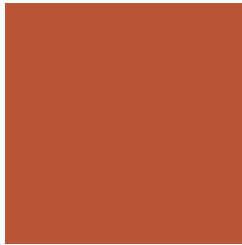
15.8241, 0.2041, 0.2546



0.6444, 0.2100, 0.2760

Previews

White Background



This preview shows how the Yxy color 17.1413, 0.5082, 0.3655 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 17.1413, 0.5082, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1413, 0.5082, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 17.1413, 0.5082, 0.3655.



This preview shows how white text looks on a background with the Yxy color 17.1413, 0.5082, 0.3655.

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

17.1413, 0.5082, 0.3655

Protanopia

17.4081, 0.3882, 0.4221

Deuteranopia

17.2394, 0.4336, 0.4266



Tritanopia

17.1783, 0.4684, 0.3215

Trichromacy



Original Color

17.1413, 0.5082, 0.3655

Protanomaly

16.7579, 0.4335, 0.4000

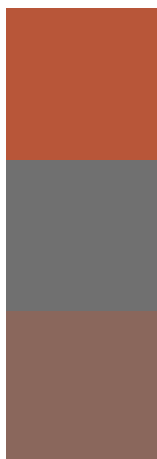
Deuteranomaly

16.8428, 0.4626, 0.4012

Tritanomaly

17.0366, 0.4840, 0.3374

Monochromacy



Original Color

17.1413, 0.5082, 0.3655

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.8765, 0.3801, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1413, 0.5082, 0.3655 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(184, 86, 57)` looks like.

```
.text, #text, p{  
    color:rgb(184, 86, 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(184, 86, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 86, 57) }
```

Border

The CSS property to change the border of an element to Yxy 17.1413, 0.5082, 0.3655 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(184, 86, 57) }
```

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

```
.border{ border-color:rgb(184, 86, 57) }
```

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

Here you see how a box with a 4 pixel rgb(184, 86, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 86, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 86, 57);  
box-shadow:4px 4px 4px 4px rgb(184, 86,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1413, 0.5082, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 86, 57) }
```

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

```
.background{ background-color: rgb(184, 86,  
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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