

Converting Colors

$Y_{xy}(18.3657, 0.5085, 0.3353)$

Have a look what the booklet for
Yxy(18.3657, 0.5085, 0.3353)
contains.

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Color

Yxy(18.3657, 0.5085, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	C84F4A
RGB	200, 79, 74
RGB Percent	78%, 31%, 29%
CMY	0.2157, 0.6902, 0.7098
CMYK	0.00, 0.61, 0.63, 0.22
HSL	2°, 53%, 54%
HSV	2°, 63%, 78%
XYZ	27.8525, 18.3657, 8.5557
YIQ	114.6090, 73.7210, 24.0970

Conversions

Conversions Part 2

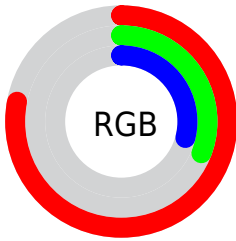
Format	Color
RYB	200, 79, 74
Decimal	13127498
CIELab	49.94, 47.90, 28.02
CIElCh	50, 55.492, 30.328
Yxy	18.3657, 0.5085, 0.3353
Android (android.graphics.Color)	4291317578 (0xFFC84F4A)
YUV	114.6090, -20.0202, 74.8879
Hunter-Lab	42.8552, 41.0144, 18.1619

Details

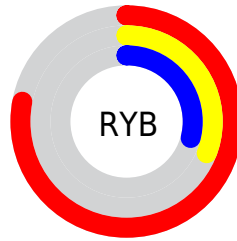
The Yxy color **18.3657, 0.5085, 0.3353** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **44.6588, 0.2358, 0.3214**, and the grayscale version is **17.0654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4651, 0.4578, 0.3396**, and **6.2055, 0.5848, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **15.7567, 0.5551, 0.3352**, and if you desaturate by 10%, it is **21.8627, 0.4629, 0.3348**.

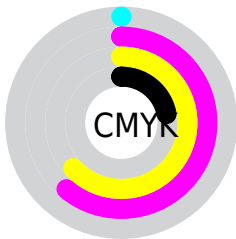
Distribution



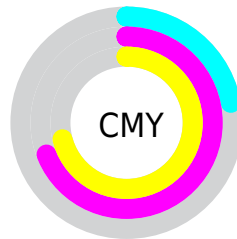
- Red (78%)
- Green (31%)
- Blue (29%)



- Red (78%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (63%)
- Black (22%)




- Cyan (22%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3657, 0.5085, 0.3353 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 18.3657, 0.5085, 0.3353 by changing the saturation by 10% instead.


 18.3657, 0.5085,
0.3353


 18.3657, 0.5085,
0.3353


242.9243, 0.3959,
0.3389


 11.2129, 0.5410,
0.3305


 40.6595, 0.4641,
0.3390


 6.2102, 0.5846,
0.3211

 56.5692, 0.4485,
0.3396

 2.9733, 0.6498,
0.3047

 76.1667, 0.4357,
0.3398

 1.1178, 0.7348,
0.2652

 99.8364, 0.4250,
0.3398

 0.0000, 1.0000,
0.0000

 127.9625, 0.4160,
0.3396

 0.0000, 0.0000,
0.0000

160.9297, 0.4084,

0.3394

199.1221, 0.4017,
0.3391

■ 18.3657, 0.5085,
0.3353

■ 18.3657, 0.5085,
0.3353

■ 15.7567, 0.5551,
0.3352

■ 21.8627, 0.4629,
0.3348

■ 13.9531, 0.5963,
0.3343

■ 26.3147, 0.4220,
0.3338

■ 12.8622, 0.6253,
0.3327

■ 31.7855, 0.3874,
0.3327

■ 12.4523, 0.6375,
0.3320

■ 38.3329, 0.3590,
0.3315

■ 46.0102, 0.3360,
0.3304

■ 54.8671, 0.3175,
0.3293

■ 64.9505, 0.3026,
0.3283

■ 76.3045, 0.2906,
0.3275

■ 88.9713, 0.2808,
0.3267

Harmonies

Analogous

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



18.3657, 0.4383, 0.2701



18.3657, 0.5085, 0.3353



18.3657, 0.5093, 0.4063

Triad

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



18.3657, 0.5085, 0.3353



18.3657, 0.2695, 0.4953



18.3657, 0.1721, 0.1804

Complementary

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



18.3657, 0.5085, 0.3353



44.6588, 0.2358, 0.3214

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.



18.3657, 0.1446, 0.2064



18.3657, 0.5085, 0.3353



18.3657, 0.1910, 0.3856

Square

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



18.3657, 0.5085, 0.3353



18.3657, 0.3650, 0.5243



18.3657, 0.1495, 0.2736



18.3657, 0.2340, 0.1856

Rectangle

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



18.3657, 0.5085, 0.3353



18.3657, 0.4761, 0.4547



18.3657, 0.1495, 0.2736



18.3657, 0.1593, 0.1852

Sweetspot

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



18.3667, 0.5085, 0.3353



71.0856, 0.3499, 0.3311



21.1545, 0.3243, 0.1895



14.4237, 0.3569, 0.3314



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



18.3667, 0.5085, 0.3353



25.8418, 0.5730, 0.3349



31.8843, 0.4477, 0.4124



10.7033, 0.3289, 0.3300



7.9482, 0.6367, 0.3326



0.4004, 0.6252, 0.3418

Inverse Universe

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



44.6588, 0.2358, 0.3214



74.9295, 0.2274, 0.3195



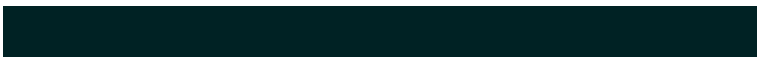
22.3475, 0.2123, 0.2196



11.9926, 0.2984, 0.3280



26.6721, 0.2213, 0.3167



1.2859, 0.2221, 0.3194

Previews

White Background



This preview shows how the Yxy color 18.3657, 0.5085, 0.3353 looks on a white 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

Black Background



This preview shows how the Yxy color 18.3657, 0.5085, 0.3353 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 18.3657, 0.5085, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 18.3657, 0.5085, 0.3353.



This preview shows how white text looks on a background with the Yxy color 18.3657, 0.5085, 0.3353.

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

18.3657, 0.5085, 0.3353

Protanopia

18.5210, 0.3598, 0.3843

Deuteranopia

18.5630, 0.4154, 0.4077



Tritanopia

18.3527, 0.4957, 0.3237

Trichromacy



Original Color

18.3657, 0.5085, 0.3353

Protanomaly

17.4107, 0.4142, 0.3628

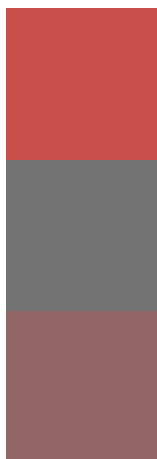
Deuteranomaly

17.8565, 0.4528, 0.3763

Tritanomaly

18.3073, 0.5003, 0.3272

Monochromacy



Original Color

18.3657, 0.5085, 0.3353

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.5338, 0.3805, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3657, 0.5085, 0.3353 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(200, 79, 74)` looks like.

```
.text, #text, p{  
    color:rgb(200, 79, 74)  
}
```

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(200, 79, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 79, 74) }
```

Border

The CSS property to change the border of an element to Yxy 18.3657, 0.5085, 0.3353 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(200, 79, 74) }
```

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

```
.border{ border-color:rgb(200, 79, 74) }
```

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

Here you see how a box with a 4 pixel rgb(200, 79, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 79, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 79, 74);  
box-shadow:4px 4px 4px 4px rgb(200, 79,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3657, 0.5085, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 79, 74) }
```

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

```
.background{ background-color: rgb(200, 79,  
74) }
```

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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