

Converting Colors

$Yxy(16.6808, 0.5351, 0.3155)$

Have a look what the booklet for
Yxy(16.6808, 0.5351, 0.3155)
contains.

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Color

Yxy(16.7594, 0.5357, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	CF3A48
RGB	207, 58, 72
RGB Percent	81%, 23%, 28%
CMY	0.1883, 0.7724, 0.7177
CMYK	0.00, 0.72, 0.65, 0.19
HSL	354°, 61%, 52%
HSV	354°, 72%, 81%
XYZ	28.4114, 16.7594, 7.8653
YIQ	104.1470, 84.3100, 35.9420

Conversions

Conversions Part 2

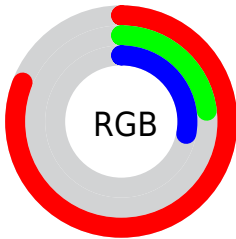
Format	Color
R_{YB}	207, 58, 72
Decimal	13580872
CIE Lab	47.96, 58.64, 26.97
CIE LCh	48, 64.550, 24.700
Yxy	16.7594, 0.5357, 0.3160
Android (android.graphics.Color)	4291770952 (0xFFCF3A48)
YUV	104.1470, -15.8485, 90.2021
Hunter-Lab	40.9382, 52.2383, 17.2657

Details

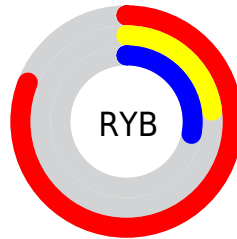
The Yxy color **16.7594, 0.5357, 0.3160** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **49.3708, 0.2384, 0.3494**, and the grayscale version is **13.9146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8775, 0.4724, 0.3245**, and **6.1085, 0.6033, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **14.8664, 0.5785, 0.3180**, and if you desaturate by 10%, it is **19.5675, 0.4903, 0.3158**.

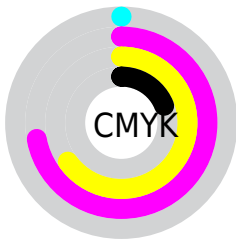
Distribution



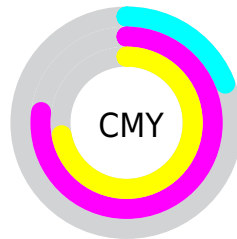
- Red (81%)
- Green (23%)
- Blue (28%)



- Red (81%)
- Yellow (23%)
- Blue (28%)



- Cyan (0%)
- Magenta (72%)
- Yellow (65%)
- Black (19%)





- Cyan (19%)
- Magenta (77%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.7594, 0.5357, 0.3160 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 16.7594, 0.5357, 0.3160 by changing the saturation by 10% instead.


 16.7594, 0.5357,
0.3160


 16.7594, 0.5357,
0.3160


233.7820, 0.4064,
0.3317


 10.0631, 0.5731,
0.3071


 37.9116, 0.4846,
0.3249


 5.4408, 0.6231,
0.2919

 53.1364, 0.4666,
0.3272

 2.5082, 0.7016,
0.2686

 71.9727, 0.4519,
0.3287

 0.8807, 0.7856,
0.2144

 94.8050, 0.4397,
0.3298

 0.0000, 1.0000,
0.0000

 122.0177, 0.4294,
0.3305

 0.0000, 0.0000,
0.0000

153.9952, 0.4206,

0.3311

191.1218, 0.4130,
0.3314

■ 16.7594, 0.5357,
0.3160

■ 16.7594, 0.5357,
0.3160

■ 14.8664, 0.5785,
0.3180

■ 19.5675, 0.4903,
0.3158

■ 13.7711, 0.6124,
0.3216

■ 23.3837, 0.4475,
0.3169

■ 13.3116, 0.6304,
0.3247

■ 28.2927, 0.4100,
0.3189

■ 34.3695, 0.3785,
0.3213

■ 41.6824, 0.3529,
0.3238

■ 50.2947, 0.3322,
0.3262

■ 60.2650, 0.3156,
0.3286

■ 71.6486, 0.3022,
0.3307

■ 84.4977, 0.2914,
0.3327

Harmonies

Analogous

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



16.7594, 0.4393, 0.2465



16.7594, 0.5357, 0.3160



16.7594, 0.5463, 0.3928

Triad

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



16.7594, 0.5357, 0.3160



16.7594, 0.2766, 0.5499



16.7594, 0.1434, 0.1611

Complementary

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



16.7594, 0.5357, 0.3160



49.3708, 0.2384, 0.3494

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.



16.7594, 0.1198, 0.1950



16.7594, 0.5357, 0.3160



16.7594, 0.1824, 0.4255

Square

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



16.7594, 0.5357, 0.3160



16.7594, 0.3857, 0.5526



16.7594, 0.1302, 0.2807



16.7594, 0.2038, 0.1620

Rectangle

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



16.7594, 0.5357, 0.3160



16.7594, 0.5108, 0.4489



16.7594, 0.1302, 0.2807



16.7594, 0.1318, 0.1679

Sweetspot

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



16.7604, 0.5357, 0.3160



66.4279, 0.3536, 0.3237



18.7520, 0.3027, 0.1643



13.4899, 0.3601, 0.3230



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.



16.7604, 0.5357, 0.3160



22.7915, 0.5972, 0.3197



26.4352, 0.4934, 0.3961



11.8260, 0.3276, 0.3269



8.3945, 0.6285, 0.3236



0.4757, 0.5961, 0.3058

Inverse Universe

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



16.7604, 0.5357, 0.3160



22.7915, 0.5972, 0.3197



26.3982, 0.2084, 0.2341



11.8260, 0.3276, 0.3269



8.3945, 0.6285, 0.3236



0.4757, 0.5961, 0.3058

Previews

White Background



This preview shows how the Yxy color 16.7594, 0.5357, 0.3160 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 16.7594, 0.5357, 0.3160 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 16.7594, 0.5357, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 16.7594, 0.5357, 0.3160.



This preview shows how white text looks on a background with the Yxy color 16.7594, 0.5357, 0.3160.

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

16.7594, 0.5357, 0.3160

Protanopia

16.9258, 0.3460, 0.3668

Deuteranopia

16.8829, 0.4167, 0.4088



Tritanopia

16.8449, 0.5491, 0.3278

Trichromacy



Original Color

16.7594, 0.5357, 0.3160

Protanomaly

15.3689, 0.4146, 0.3412

Deuteranomaly

15.6101, 0.4662, 0.3642

Tritanomaly

16.7867, 0.5441, 0.3230

Monochromacy



Original Color

16.7594, 0.5357, 0.3160

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.2518, 0.3943, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.7594, 0.5357, 0.3160 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(207, 58, 72)` looks like.

```
.text, #text, p{  
    color:rgb(207, 58, 72)  
}
```

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(207, 58, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 58, 72) }
```

Border

The CSS property to change the border of an element to Yxy 16.7594, 0.5357, 0.3160 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(207, 58, 72) }
```

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

```
.border{ border-color:rgb(207, 58, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 58, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 58, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 58, 72);  
box-shadow:4px 4px 4px 4px rgb(207, 58,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 16.7594, 0.5357, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 58, 72) }
```

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

```
.background{ background-color: rgb(207, 58,  
72) }
```

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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