

Converting Colors

$Yxy(17.3204, 0.5601, 0.3569)$

Have a look what the booklet for
Yxy(17.3204, 0.5601, 0.3569)
contains.

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Color

Yxy(17.3631, 0.5607, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	CB4729
RGB	203, 71, 41
RGB Percent	80%, 28%, 16%
CMY	0.2040, 0.7214, 0.8393
CMYK	0.00, 0.65, 0.80, 0.20
HSL	11°, 66%, 48%
HSV	11°, 80%, 80%
XYZ	27.2779, 17.3631, 4.0087
YIQ	107.0480, 88.3020, 18.6540

Conversions

Conversions Part 2

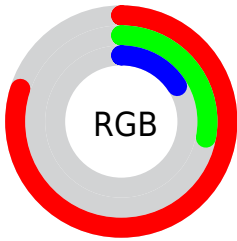
Format	Color
RYB	203, 78, 41
Decimal	13322025
CIELab	48.71, 50.87, 45.04
CIElCh	49, 67.943, 41.525
Yxy	17.3631, 0.5607, 0.3569
Android (android.graphics.Color)	4291512105 (0xFFCB4729)
YUV	107.0480, -32.5617, 84.1499
Hunter-Lab	41.6691, 43.9311, 23.4644

Details

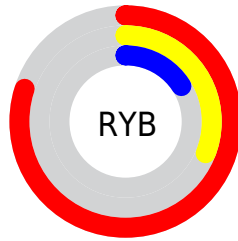
The Yxy color **17.3631, 0.5607, 0.3569** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34.6384, 0.2164, 0.2815**, and the grayscale version is **14.7930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6485, 0.4993, 0.3632**, and **5.7278, 0.6379, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **15.4318, 0.5955, 0.3521**, and if you desaturate by 10%, it is **19.9415, 0.5198, 0.3584**.

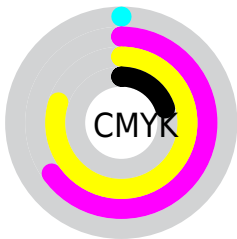
Distribution



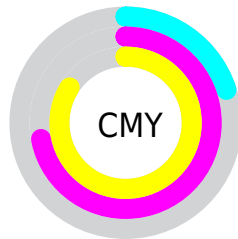
- Red (80%)
- Green (28%)
- Blue (16%)



- Red (80%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (20%)





- Cyan (20%)
- Magenta (72%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.3631, 0.5607, 0.3569 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 17.3631, 0.5607, 0.3569 by changing the saturation by 10% instead.


 17.3631, 0.5607,
0.3569


 17.3631, 0.5607,
0.3569


237.2562, 0.4217,
0.3559

 10.4937, 0.5965,
0.3493


 38.9490, 0.5082,
0.3616


 5.7275, 0.6454,
0.3363

 54.4343, 0.4889,
0.3616


 2.6801, 0.6957,
0.3043

 73.5604, 0.4728,
0.3611

 0.9671, 0.7540,
0.2460

 96.7117, 0.4592,
0.3602

 0.0000, 1.0000,
0.0000

 124.2725, 0.4477,
0.3591

 0.0000, 0.0000,
0.0000

 156.6273, 0.4378,

0.3580

194.1604, 0.4292,
0.3569

■ 17.3631, 0.5607,
0.3569

■ 17.3631, 0.5607,
0.3569

■ 15.4318, 0.5955,
0.3521

■ 19.9415, 0.5198,
0.3584

■ 14.0788, 0.6207,
0.3452

■ 23.2161, 0.4780,
0.3569

■ 14.0585, 0.6211,
0.3450

■ 27.2346, 0.4388,
0.3535

■ 32.0394, 0.4041,
0.3488

■ 37.6698, 0.3745,
0.3437

■ 44.1623, 0.3498,
0.3385

■ 51.5514, 0.3293,
0.3336

■ 59.8696, 0.3124,
0.3289

■ 69.1476, 0.2985,
0.3246

Harmonies

Analogous

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



17.3631, 0.5097, 0.2822



17.3631, 0.5607, 0.3569



17.3631, 0.5233, 0.4405

Triad

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



17.3631, 0.5607, 0.3569



17.3631, 0.2156, 0.4989



17.3631, 0.1679, 0.1532

Complementary

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



17.3631, 0.5607, 0.3569



34.6384, 0.2164, 0.2815

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.



17.3631, 0.1240, 0.1661



17.3631, 0.5607, 0.3569



17.3631, 0.1419, 0.3383

Square

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



17.3631, 0.5607, 0.3569



17.3631, 0.3228, 0.5761



17.3631, 0.1147, 0.2207



17.3631, 0.2546, 0.1710

Rectangle

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



17.3631, 0.5607, 0.3569



17.3631, 0.4667, 0.5007



17.3631, 0.1147, 0.2207



17.3631, 0.1490, 0.1538

Sweetspot

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



17.3641, 0.5607, 0.3569



68.8831, 0.3604, 0.3409



17.3056, 0.3602, 0.1890



13.9185, 0.3695, 0.3427



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.



17.3641, 0.5607, 0.3569



24.0741, 0.6147, 0.3466



35.2057, 0.4618, 0.4491



11.5448, 0.3285, 0.3334



9.0472, 0.6191, 0.3466



0.5709, 0.5826, 0.3756

Inverse Universe

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



34.6384, 0.2164, 0.2815



53.1712, 0.2087, 0.2699



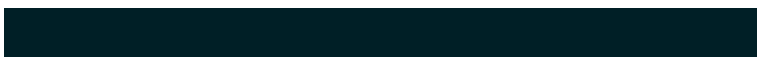
12.4835, 0.1805, 0.1450



12.3593, 0.2983, 0.3246



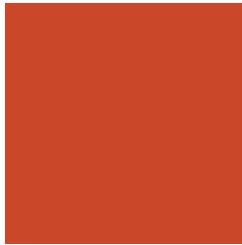
20.0708, 0.2081, 0.2690



1.1295, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 17.3631, 0.5607, 0.3569 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 17.3631, 0.5607, 0.3569 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 17.3631, 0.5607, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 17.3631, 0.5607, 0.3569.



This preview shows how white text looks on a background with the Yxy color 17.3631, 0.5607, 0.3569.

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

17.3631, 0.5607, 0.3569

Protanopia

17.6560, 0.4042, 0.4438

Deuteranopia

17.3516, 0.4575, 0.4497



Tritanopia

17.3066, 0.5274, 0.3255

Trichromacy



Original Color

17.3631, 0.5607, 0.3569

Protanomaly

16.4040, 0.4670, 0.4070

Deuteranomaly

16.6910, 0.5014, 0.4104

Tritanomaly

17.2979, 0.5423, 0.3376

Monochromacy



Original Color

17.3631, 0.5607, 0.3569

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.3807, 0.4060, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3631, 0.5607, 0.3569 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(203, 71, 41)` looks like.

```
.text, #text, p{  
    color:rgb(203, 71, 41)  
}
```

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(203, 71, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 71, 41) }
```

Border

The CSS property to change the border of an element to Yxy 17.3631, 0.5607, 0.3569 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(203, 71, 41) }
```

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

```
.border{ border-color:rgb(203, 71, 41) }
```

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

Here you see how a box with a 4 pixel rgb(203, 71, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 71, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 71, 41);  
box-shadow:4px 4px 4px 4px rgb(203, 71,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3631, 0.5607, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 71, 41) }
```

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

```
.background{ background-color: rgb(203, 71,  
41) }
```

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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