

Converting Colors

$Y_{xy}(17.3419, 0.5314, 0.3320)$

Have a look what the booklet for
Yxy(17.3419, 0.5314, 0.3320)
contains.

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Color

Yxy(17.3580, 0.5307, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	CB4543
RGB	203, 69, 67
RGB Percent	80%, 27%, 26%
CMY	0.2039, 0.7294, 0.7372
CMYK	0.00, 0.66, 0.67, 0.20
HSL	1°, 57%, 53%
HSV	1°, 67%, 80%
XYZ	27.7718, 17.3580, 7.2007
YIQ	108.8380, 80.5060, 27.7860

Conversions

Conversions Part 2

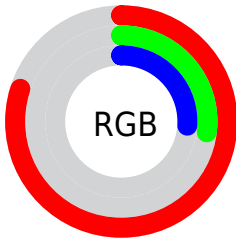
Format	Color
R_{YB}	203, 69, 67
Decimal	13321539
CIE Lab	48.71, 52.87, 30.69
CIE LCh	49, 61.132, 30.131
Yxy	17.3580, 0.5307, 0.3317
Android (android.graphics.Color)	4291511619 (0xFFCB4543)
YUV	108.8380, -20.6261, 82.5801
Hunter-Lab	41.6629, 46.0747, 18.9169

Details

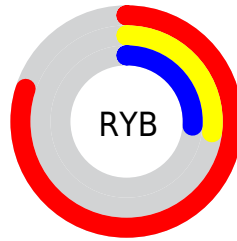
The Yxy color **17.3580, 0.5307, 0.3317** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **47.2945, 0.2342, 0.3259**, and the grayscale version is **15.2878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9131, 0.4725, 0.3384**, and **5.8167, 0.6110, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **15.0964, 0.5763, 0.3316**, and if you desaturate by 10%, it is **20.5363, 0.4833, 0.3315**.

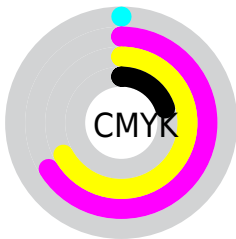
Distribution



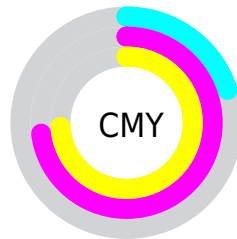
- Red (80%)
- Green (27%)
- Blue (26%)



- Red (80%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (66%)
- Yellow (67%)
- Black (20%)





- Cyan (20%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3580, 0.5307, 0.3317 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 17.3580, 0.5307, 0.3317 by changing the saturation by 10% instead.


 17.3580, 0.5307,
0.3317


 17.3580, 0.5307,
0.3317


237.2271, 0.4051,
0.3390


 10.4901, 0.5665,
0.3249


 38.9403, 0.4813,
0.3375

 5.7251, 0.6138,
0.3121

 54.4234, 0.4639,
0.3387


 2.6786, 0.6936,
0.2944

 73.5471, 0.4495,
0.3392

 0.9664, 0.7611,
0.2389

 96.6957, 0.4376,
0.3395

 0.0000, 1.0000,
0.0000

 124.2536, 0.4276,
0.3395

 0.0000, 0.0000,
0.0000

156.6052, 0.4190,

0.3394

194.1349, 0.4116,
0.3392

■ 17.3580, 0.5307,
0.3317

■ 17.3580, 0.5307,
0.3317

■ 15.0964, 0.5763,
0.3316

■ 20.5363, 0.4833,
0.3315

■ 13.6519, 0.6128,
0.3312

■ 24.7117, 0.4394,
0.3312

■ 12.9057, 0.6344,
0.3307

■ 29.9588, 0.4015,
0.3307

■ 12.7613, 0.6391,
0.3307

■ 36.3446, 0.3702,
0.3302

■ 43.9307, 0.3448,
0.3297

■ 52.7739, 0.3245,
0.3293

■ 62.9278, 0.3082,
0.3289

■ 74.4426, 0.2951,
0.3285

■ 87.3660, 0.2845,
0.3282

Harmonies

Analogous

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



17.3580, 0.4524, 0.2627



17.3580, 0.5307, 0.3317



17.3580, 0.5284, 0.4074

Triad

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



17.3580, 0.5307, 0.3317



17.3580, 0.2625, 0.5199



17.3580, 0.1589, 0.1669

Complementary

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



17.3580, 0.5307, 0.3317



47.2945, 0.2342, 0.3259

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.



17.3580, 0.1300, 0.1935



17.3580, 0.5307, 0.3317



17.3580, 0.1778, 0.3929

Square

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



17.3580, 0.5307, 0.3317



17.3580, 0.3664, 0.5469



17.3580, 0.1344, 0.2657



17.3580, 0.2247, 0.1728

Rectangle

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



17.3580, 0.5307, 0.3317



17.3580, 0.4898, 0.4613



17.3580, 0.1344, 0.2657



17.3580, 0.1455, 0.1717

Sweetspot

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



17.3590, 0.5307, 0.3317



69.1582, 0.3525, 0.3299



21.0267, 0.3197, 0.1797



14.0249, 0.3597, 0.3300



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.



17.3590, 0.5307, 0.3317



24.1338, 0.5928, 0.3315



30.4351, 0.4629, 0.4106



11.2393, 0.3290, 0.3294



8.1322, 0.6389, 0.3309



0.4289, 0.6348, 0.3342

Inverse Universe

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



47.2945, 0.2342, 0.3259



77.5688, 0.2274, 0.3252



22.8385, 0.2085, 0.2188



12.6980, 0.2984, 0.3286



29.0606, 0.2234, 0.3244



1.5083, 0.2237, 0.3253

Previews

White Background



This preview shows how the Yxy color 17.3580, 0.5307, 0.3317 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 17.3580, 0.5307, 0.3317 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 17.3580, 0.5307, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 17.3580, 0.5307, 0.3317.



This preview shows how white text looks on a background with the Yxy color 17.3580, 0.5307, 0.3317.

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

17.3580, 0.5307, 0.3317

Protanopia

17.5066, 0.3635, 0.3894

Deuteranopia

17.5348, 0.4236, 0.4167



Tritanopia

17.2986, 0.5241, 0.3254

Trichromacy



Original Color

17.3580, 0.5307, 0.3317

Protanomaly

16.2460, 0.4258, 0.3646

Deuteranomaly

16.7240, 0.4664, 0.3787

Tritanomaly

17.2730, 0.5272, 0.3275

Monochromacy



Original Color

17.3580, 0.5307, 0.3317

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.6532, 0.3898, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3580, 0.5307, 0.3317 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, 69, 67)` looks like.

```
.text, #text, p{  
    color:rgb(203, 69, 67)  
}
```

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, 69, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 69, 67) }
```

Border

The CSS property to change the border of an element to Yxy 17.3580, 0.5307, 0.3317 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, 69, 67) }
```

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

```
.border{ border-color:rgb(203, 69, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 69, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 69, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 69, 67);  
box-shadow:4px 4px 4px 4px rgb(203, 69,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3580, 0.5307, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 69, 67) }
```

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

```
.background{ background-color: rgb(203, 69,  
67) }
```

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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