

Converting Colors

$Y_{xy}(17.0354, 0.5336, 0.3266)$

Have a look what the booklet for
Yxy(17.0354, 0.5336, 0.3266)
contains.

Yxy(17.0353, 0.5336, 0.3266)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0353, 0.5336, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	CC4144
RGB	204, 65, 68
RGB Percent	80%, 25%, 27%
CMY	0.2001, 0.7450, 0.7333
CMYK	0.00, 0.68, 0.67, 0.20
HSL	359°, 58%, 53%
HSV	359°, 68%, 80%
XYZ	27.8323, 17.0353, 7.2919
YIQ	106.9030, 81.8810, 30.4010

Conversions

Conversions Part 2

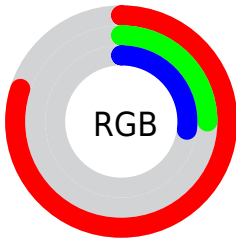
Format	Color
RYB	204, 65, 68
Decimal	13386052
CIELab	48.30, 54.85, 29.65
CIElCh	48, 62.354, 28.394
Yxy	17.0353, 0.5336, 0.3266
Android (android.graphics.Color)	4291576132 (0xFFCC4144)
YUV	106.9030, -19.1792, 85.1541
Hunter-Lab	41.2738, 48.1393, 18.4169

Details

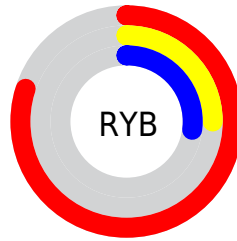
The Yxy color **17.0353, 0.5336, 0.3266** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **48.5192, 0.2356, 0.3331**, and the grayscale version is **14.7153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1957, 0.4733, 0.3344**, and **5.9098, 0.6097, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **14.8974, 0.5787, 0.3271**, and if you desaturate by 10%, it is **20.1035, 0.4863, 0.3265**.

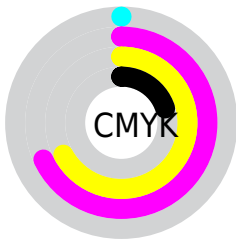
Distribution



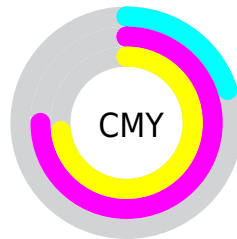
- Red (80%)
- Green (25%)
- Blue (27%)



- Red (80%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (68%)
- Yellow (67%)
- Black (20%)





- Cyan (20%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0353, 0.5336, 0.3266 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 17.0353, 0.5336, 0.3266 by changing the saturation by 10% instead.


 17.0353, 0.5336,
0.3266


 17.0353, 0.5336,
0.3266


235.3757, 0.4060,
0.3368


 10.2597, 0.5702,
0.3190


 38.3865, 0.4833,
0.3335


 5.5715, 0.6187,
0.3052

 53.7308, 0.4655,
0.3350


 2.5863, 0.6996,
0.2857

 72.7001, 0.4510,
0.3359

 0.9198, 0.7707,
0.2293

 95.6788, 0.4389,
0.3365

 0.0000, 1.0000,
0.0000

 123.0514, 0.4287,
0.3367

 0.0000, 0.0000,
0.0000

155.2021, 0.4200,

0.3368

192.5154, 0.4125,
0.3368

■ 17.0353, 0.5336,
0.3266

■ 17.0353, 0.5336,
0.3266

■ 14.8974, 0.5787,
0.3271

■ 20.1035, 0.4863,
0.3265

■ 13.5820, 0.6144,
0.3280

■ 24.1883, 0.4422,
0.3267

■ 12.9359, 0.6352,
0.3289

■ 29.3695, 0.4040,
0.3271

■ 12.8445, 0.6381,
0.3289

■ 35.7183, 0.3724,
0.3276

■ 43.2999, 0.3468,
0.3281

■ 52.1743, 0.3263,
0.3286

■ 62.3982, 0.3099,
0.3291

■ 74.0244, 0.2967,
0.3295

■ 87.1031, 0.2861,
0.3299

Harmonies

Analogous

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



17.0353, 0.4493, 0.2572



17.0353, 0.5336, 0.3266



17.0353, 0.5350, 0.4029

Triad

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



17.0353, 0.5336, 0.3266



17.0353, 0.2665, 0.5308



17.0353, 0.1533, 0.1644

Complementary

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



17.0353, 0.5336, 0.3266



48.5192, 0.2356, 0.3331

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.



17.0353, 0.1261, 0.1932



17.0353, 0.5336, 0.3266



17.0353, 0.1784, 0.4031

Square

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



17.0353, 0.5336, 0.3266



17.0353, 0.3725, 0.5503



17.0353, 0.1323, 0.2697



17.0353, 0.2176, 0.1688

Rectangle

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



17.0353, 0.5336, 0.3266



17.0353, 0.4970, 0.4579



17.0353, 0.1323, 0.2697



17.0353, 0.1405, 0.1698

Sweetspot

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



17.0363, 0.5336, 0.3266



68.8581, 0.3518, 0.3280



20.3328, 0.3144, 0.1755



13.9549, 0.3589, 0.3278



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.



17.0363, 0.5336, 0.3266



23.4399, 0.5980, 0.3275



29.1486, 0.4709, 0.4059



11.2175, 0.3287, 0.3285



8.0878, 0.6375, 0.3285



0.4186, 0.6287, 0.3237

Inverse Universe

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



17.0363, 0.5336, 0.3266



23.4399, 0.5980, 0.3275



23.9886, 0.2089, 0.2244



11.2175, 0.3287, 0.3285



8.0878, 0.6375, 0.3285



0.4186, 0.6287, 0.3237

Previews

White Background



This preview shows how the Yxy color 17.0353, 0.5336, 0.3266 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 17.0353, 0.5336, 0.3266 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 17.0353, 0.5336, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 17.0353, 0.5336, 0.3266.



This preview shows how white text looks on a background with the Yxy color 17.0353, 0.5336, 0.3266.

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

17.0353, 0.5336, 0.3266

Protanopia

17.1605, 0.3587, 0.3842

Deuteranopia

17.1408, 0.4219, 0.4162



Tritanopia

17.0353, 0.5336, 0.3266

Trichromacy



Original Color

17.0353, 0.5336, 0.3266

Protanomaly

15.8040, 0.4231, 0.3581

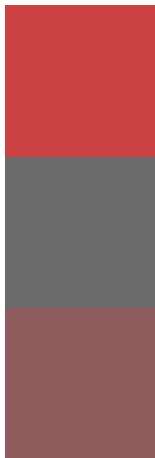
Deuteranomaly

16.2568, 0.4674, 0.3760

Tritanomaly

17.0353, 0.5336, 0.3266

Monochromacy



Original Color

17.0353, 0.5336, 0.3266

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.1954, 0.3911, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0353, 0.5336, 0.3266 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(204, 65, 68)` looks like.

```
.text, #text, p{  
    color:rgb(204, 65, 68)  
}
```

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(204, 65, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 65, 68) }
```

Border

The CSS property to change the border of an element to Yxy 17.0353, 0.5336, 0.3266 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(204, 65, 68) }
```

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

```
.border{ border-color:rgb(204, 65, 68) }
```

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

Here you see how a box with a 4 pixel rgb(204, 65, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 65, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 65, 68);  
box-shadow:4px 4px 4px 4px rgb(204, 65,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0353, 0.5336, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 65, 68) }
```

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

```
.background{ background-color: rgb(204, 65,  
68) }
```

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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