

Converting Colors

$Yxy(20.1326, 0.4947, 0.3239)$

Have a look what the booklet for
Yxy(20.1326, 0.4947, 0.3239)
contains.

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Color

Yxy(20.1326, 0.4947, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	D05257
RGB	208, 82, 87
RGB Percent	82%, 32%, 34%
CMY	0.1843, 0.6784, 0.6589
CMYK	0.00, 0.61, 0.58, 0.18
HSL	358°, 57%, 57%
HSV	358°, 61%, 82%
XYZ	30.7490, 20.1326, 11.2753
YIQ	120.2440, 73.4910, 28.2670

Conversions

Conversions Part 2

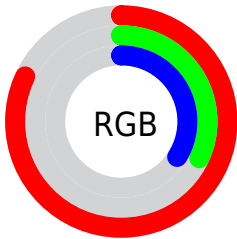
Format	Color
RYB	208, 82, 87
Decimal	13652567
CIELab	51.99, 50.20, 23.30
CIELCh	52, 55.340, 24.900
Yxy	20.1326, 0.4947, 0.3239
Android (android.graphics.Color)	4291842647 (0xFFD05257)
YUV	120.2440, -16.3893, 76.9620
Hunter-Lab	44.8694, 43.8047, 16.5095

Details

The Yxy color **20.1326, 0.4947, 0.3239** 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 **51.2197, 0.2414, 0.3358**, and the grayscale version is **18.9010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6745, 0.4404, 0.3283**, and **7.1163, 0.5645, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **17.1750, 0.5417, 0.3241**, and if you desaturate by 10%, it is **24.1333, 0.4501, 0.3243**.

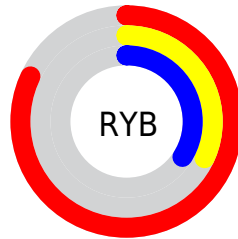
Distribution



Red (82%)

Green (32%)

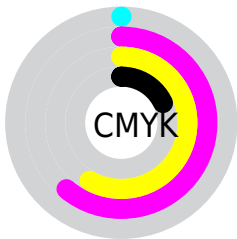
Blue (34%)



Red (82%)

Yellow (32%)

Blue (34%)

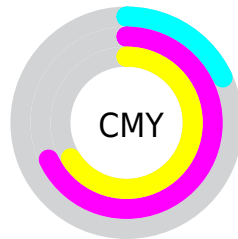


Cyan (0%)

Magenta (61%)

Yellow (58%)

Black (18%)



Cyan (18%)


Magenta (68%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1326, 0.4947, 0.3239 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 20.1326, 0.4947, 0.3239 by changing the saturation by 10% instead.


 20.1326, 0.4947,
0.3239


 20.1326, 0.4947,
0.3239


252.6321, 0.3910,
0.3323

 12.4915, 0.5246,
0.3188


 43.6394, 0.4539,
0.3289

 7.0793, 0.5651,
0.3098


 60.2738, 0.4395,
0.3302


 3.5118, 0.6215,
0.2932

 80.6748, 0.4277,
0.3310

 1.4044, 0.7297,
0.2703

 105.2268, 0.4179,
0.3315

 0.2200, 0.8781,
0.1219

 134.3141, 0.4096,
0.3319

 0.0000, 1.0000,
0.0000

168.3211, 0.4025,

 0.0000, 0.0000,


0.3321


0.0000


207.6323, 0.3963,
0.3322


 20.1326, 0.4947,
0.3239

 20.1326, 0.4947,
0.3239

 17.1750, 0.5417,
0.3241


 24.1333, 0.4501,
0.3243

 15.1606, 0.5853,
0.3251


 29.2584, 0.4110,
0.3251

 13.9758, 0.6185,
0.3268

 35.5850, 0.3784,
0.3260

 13.4278, 0.6365,
0.3280

 43.1824, 0.3519,
0.3270

 52.1148, 0.3306,
0.3280

■ 62.4420, 0.3136,
0.3290

■ 74.2200, 0.2999,
0.3298

■ 87.5019, 0.2889,
0.3306

■ 92.1499, 0.2849,
0.3289

Harmonies

Analogous

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



20.1326, 0.4167, 0.2614



20.1326, 0.4947, 0.3239



20.1326, 0.5085, 0.3927

Triad

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



20.1326, 0.4947, 0.3239



20.1326, 0.2879, 0.5011



20.1326, 0.1684, 0.1864

Complementary

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



20.1326, 0.4947, 0.3239



51.2197, 0.2414, 0.3358

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.



20.1326, 0.1472, 0.2186



20.1326, 0.4947, 0.3239



20.1326, 0.2063, 0.4055

Square

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



20.1326, 0.4947, 0.3239



20.1326, 0.3812, 0.5142



20.1326, 0.1583, 0.2927



20.1326, 0.2228, 0.1863

Rectangle

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



20.1326, 0.4947, 0.3239



20.1326, 0.4829, 0.4399



20.1326, 0.1583, 0.2927



20.1326, 0.1578, 0.1932

Sweetspot

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



20.1337, 0.4947, 0.3239



71.6085, 0.3465, 0.3273



23.1051, 0.3122, 0.1865



14.4906, 0.3533, 0.3270



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.



20.1337, 0.4947, 0.3239



26.0220, 0.5568, 0.3243



32.3994, 0.4510, 0.3979



11.8157, 0.3285, 0.3281



8.3723, 0.6354, 0.3274



0.4708, 0.6206, 0.3192

Inverse Universe

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



20.1337, 0.4947, 0.3239



26.0220, 0.5568, 0.3243



28.5798, 0.2195, 0.2414



11.8157, 0.3285, 0.3281



8.3723, 0.6354, 0.3274



0.4708, 0.6206, 0.3192

Previews

White Background



This preview shows how the Yxy color 20.1326, 0.4947, 0.3239 looks on a white background.

Color Contrast Check

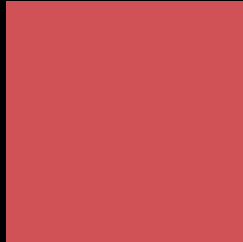
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1326, 0.4947, 0.3239 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 20.1326, 0.4947, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 20.1326, 0.4947, 0.3239.



This preview shows how white text looks on a background with the Yxy color 20.1326, 0.4947, 0.3239.

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

20.1326, 0.4947, 0.3239

Protanopia

20.2812, 0.3424, 0.3622

Deuteranopia

20.2718, 0.4008, 0.3933



Tritanopia

20.1326, 0.4947, 0.3239

Trichromacy



Original Color

20.1326, 0.4947, 0.3239

Protanomaly

19.2091, 0.3962, 0.3456

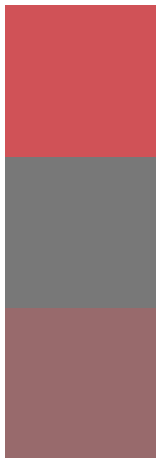
Deuteranomaly

19.5905, 0.4368, 0.3640

Tritanomaly

20.1326, 0.4947, 0.3239

Monochromacy



Original Color

20.1326, 0.4947, 0.3239

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.0662, 0.3753, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1326, 0.4947, 0.3239 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(208, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(208, 82, 87)  
}
```

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(208, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 82, 87) }
```

Border

The CSS property to change the border of an element to Yxy 20.1326, 0.4947, 0.3239 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(208, 82, 87) }
```

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

```
.border{ border-color:rgb(208, 82, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 82, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(208, 82,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1326, 0.4947, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 82, 87) }
```

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

```
.background{ background-color: rgb(208, 82,  
87) }
```

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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