

Converting Colors

$Y_{xy}(20.1760, 0.5063, 0.3388)$

Have a look what the booklet for
Yxy(20.1760, 0.5063, 0.3388)
contains.

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Color

Yxy(20.2842, 0.5071, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	CF554C
RGB	207, 85, 76
RGB Percent	81%, 33%, 30%
CMY	0.1882, 0.6667, 0.7020
CMYK	0.00, 0.59, 0.63, 0.19
HSL	4°, 58%, 55%
HSV	4°, 63%, 81%
XYZ	30.2889, 20.2842, 9.1566
YIQ	120.4520, 75.6010, 23.0650

Conversions

Conversions Part 2

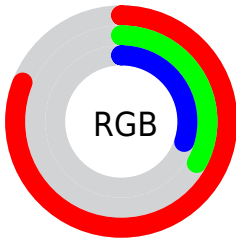
Format	Color
R_{YB}	207, 86, 76
Decimal	13587788
CIE _{Lab}	52.16, 47.74, 29.89
CIE _{LCh}	52, 56.326, 32.049
Yxy	20.2842, 0.5071, 0.3396
Android (android.graphics.Color)	4291777868 (0xFFCF554C)
YUV	120.4520, -21.9148, 75.9026
Hunter-Lab	45.0380, 41.2283, 19.4725

Details

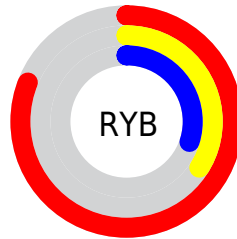
The Yxy color **20.2842, 0.5071, 0.3396** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **46.4438, 0.2342, 0.3158**, and the grayscale version is **18.9879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2059, 0.4519, 0.3437**, and **7.1807, 0.5805, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **17.4092, 0.5530, 0.3394**, and if you desaturate by 10%, it is **24.0810, 0.4622, 0.3387**.

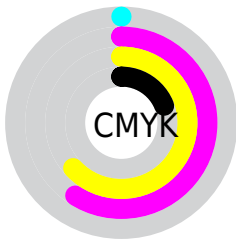
Distribution



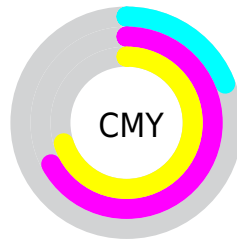
- Red (81%)
- Green (33%)
- Blue (30%)



- Red (81%)
- Yellow (34%)
- Blue (30%)



- Cyan (0%)
- Magenta (59%)
- Yellow (63%)
- Black (19%)




- Cyan (19%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2842, 0.5071, 0.3396 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 20.2842, 0.5071, 0.3396 by changing the saturation by 10% instead.


 20.2842, 0.5071,
0.3396


 20.2842, 0.5071,
0.3396


253.4495, 0.3970,
0.3409


 12.6018, 0.5381,
0.3356


 43.8932, 0.4642,
0.3424


 7.1549, 0.5791,
0.3274


 60.5885, 0.4489,
0.3427


 3.5592, 0.6370,
0.3120

 81.0569, 0.4364,
0.3427

 1.4302, 0.7200,
0.2800

 105.6829, 0.4259,
0.3425

 0.2388, 0.8643,
0.1357

 134.8507, 0.4170,
0.3421

 0.0000, 1.0000,
0.0000

168.9448, 0.4094,

 0.0000, 0.0000,

0.3417

0.0000

208.3496, 0.4028,
0.3413

■ 20.2842, 0.5071,
0.3396

■ 20.2842, 0.5071,
0.3396

■ 17.4092, 0.5530,
0.3394

■ 24.0810, 0.4622,
0.3387

■ 15.3745, 0.5940,
0.3379

■ 28.8656, 0.4219,
0.3372

■ 14.0900, 0.6233,
0.3351

■ 34.7015, 0.3877,
0.3353

■ 13.5875, 0.6356,
0.3335

■ 41.6463, 0.3595,
0.3333

■ 49.7532, 0.3365,
0.3314

■ 59.0721, 0.3180,
0.3296

■ 69.6498, 0.3030,
0.3279

■ 81.5308, 0.2908,
0.3264

■ 92.0079, 0.2844,
0.3289

Harmonies

Analogous

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



20.2842, 0.4416, 0.2746



20.2842, 0.5071, 0.3396



20.2842, 0.5045, 0.4100

Triad

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



20.2842, 0.5071, 0.3396



20.2842, 0.2654, 0.4873



20.2842, 0.1766, 0.1821

Complementary

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



20.2842, 0.5071, 0.3396



46.4438, 0.2342, 0.3158

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.



20.2842, 0.1475, 0.2059



20.2842, 0.5071, 0.3396



20.2842, 0.1896, 0.3777

Square

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



20.2842, 0.5071, 0.3396



20.2842, 0.3594, 0.5217



20.2842, 0.1506, 0.2697



20.2842, 0.2399, 0.1887

Rectangle

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



20.2842, 0.5071, 0.3396



20.2842, 0.4703, 0.4575



20.2842, 0.1506, 0.2697



20.2842, 0.1633, 0.1863

Sweetspot

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



20.2853, 0.5071, 0.3396



71.7740, 0.3496, 0.3325



22.5274, 0.3295, 0.1926



14.5859, 0.3566, 0.3331



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.



20.2853, 0.5071, 0.3396



26.5632, 0.5688, 0.3390



35.6805, 0.4449, 0.4179



11.9366, 0.3289, 0.3307



8.6099, 0.6345, 0.3344



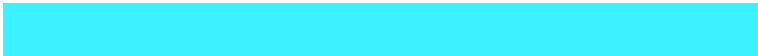
0.5281, 0.6174, 0.3480

Inverse Universe

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



46.4438, 0.2342, 0.3158



71.5465, 0.2257, 0.3126



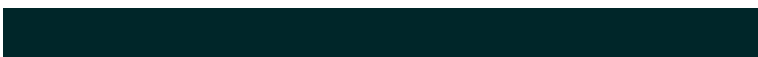
22.7561, 0.2101, 0.2115



13.2624, 0.2983, 0.3273



26.8689, 0.2188, 0.3076



1.5450, 0.2199, 0.3118

Previews

White Background



This preview shows how the Yxy color 20.2842, 0.5071, 0.3396 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 20.2842, 0.5071, 0.3396 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 20.2842, 0.5071, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 20.2842, 0.5071, 0.3396.



This preview shows how white text looks on a background with the Yxy color 20.2842, 0.5071, 0.3396.

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

20.2842, 0.5071, 0.3396

Protanopia

20.5083, 0.3625, 0.3893

Deuteranopia

20.4082, 0.4178, 0.4091



Tritanopia

20.3010, 0.4924, 0.3238

Trichromacy



Original Color

20.2842, 0.5071, 0.3396

Protanomaly

19.4008, 0.4162, 0.3678

Deuteranomaly

19.8675, 0.4529, 0.3803

Tritanomaly

20.3906, 0.4975, 0.3295

Monochromacy



Original Color

20.2842, 0.5071, 0.3396

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1903, 0.3805, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2842, 0.5071, 0.3396 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, 85, 76)` looks like.

```
.text, #text, p{  
    color:rgb(207, 85, 76)  
}
```

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, 85, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 85, 76) }
```

Border

The CSS property to change the border of an element to Yxy 20.2842, 0.5071, 0.3396 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, 85, 76) }
```

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

```
.border{ border-color:rgb(207, 85, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 85, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 85, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 85, 76);  
box-shadow:4px 4px 4px 4px rgb(207, 85,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2842, 0.5071, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 85, 76) }
```

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

```
.background{ background-color: rgb(207, 85,  
76) }
```

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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