

Converting Colors

$Y_{xy}(22.3172, 0.4826, 0.3378)$

Have a look what the booklet for
Yxy(22.3172, 0.4826, 0.3378)
contains.

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Color

Yxy(22.2989, 0.4827, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	D05F58
RGB	208, 95, 88
RGB Percent	82%, 37%, 35%
CMY	0.1842, 0.6275, 0.6549
CMYK	0.00, 0.54, 0.58, 0.18
HSL	3°, 56%, 58%
HSV	3°, 58%, 82%
XYZ	31.8735, 22.2989, 11.8593
YIQ	127.9890, 69.5950, 21.7790

Conversions

Conversions Part 2

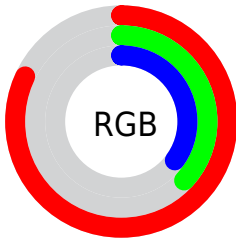
Format	Color
R_{YB}	208, 95, 88
Decimal	13655896
CIE _{Lab}	54.34, 44.18, 25.77
CIE _{LCh}	54, 51.141, 30.255
Yxy	22.2989, 0.4827, 0.3377
Android (android.graphics.Color)	4291845976 (0xFFD05F58)
YUV	127.9890, -19.7146, 70.1696
Hunter-Lab	47.2217, 37.8451, 18.1651

Details

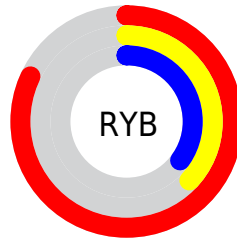
The Yxy color **22.2989, 0.4827, 0.3377** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **48.4356, 0.2391, 0.3189**, and the grayscale version is **21.6331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.2748, 0.4329, 0.3398**, and **8.1190, 0.5465, 0.3297** is the 20% darker color. If you saturate the color by 10%, you get **18.9067, 0.5290, 0.3381**, and if you desaturate by 10%, it is **26.6796, 0.4397, 0.3366**.

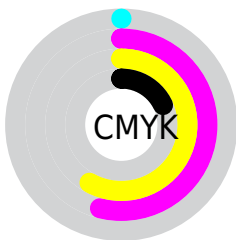
Distribution



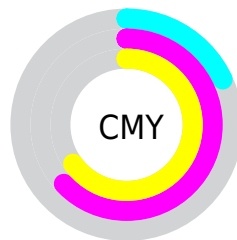
- Red (82%)
- Green (37%)
- Blue (35%)



- Red (82%)
- Yellow (37%)
- Blue (35%)



- Cyan (0%)
- Magenta (54%)
- Yellow (58%)
- Black (18%)





- Cyan (18%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2989, 0.4827, 0.3377 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 22.2989, 0.4827, 0.3377 by changing the saturation by 10% instead.


 22.2989, 0.4827,
0.3377

 22.2989, 0.4827,
0.3377


264.1032, 0.3872,
0.3382


 14.0767, 0.5097,
0.3350


 47.2395, 0.4455,
0.3396


 8.1740, 0.5459,
0.3294


 64.7267, 0.4323,
0.3397


 4.2065, 0.5958,
0.3179

 86.0710, 0.4214,
0.3396

 1.7897, 0.6947,
0.3053

 111.6569, 0.4123,
0.3394

 0.4808, 0.7838,
0.2162

 141.8686, 0.4046,
0.3392

 0.0000, 1.0000,
0.0000


177.0907, 0.3979,


 0.0000, 0.0000,


0.3389


0.0000


217.7074, 0.3922,
0.3386


 22.2989, 0.4827,
0.3377


 22.2989, 0.4827,
0.3377


 18.9067, 0.5290,
0.3381


 26.6796, 0.4397,
0.3366


 16.4229, 0.5737,
0.3374


 32.1136, 0.4025,
0.3351


 14.7609, 0.6101,
0.3356

 38.6645, 0.3715,
0.3334

 13.8137, 0.6327,
0.3330

 46.3899, 0.3462,
0.3317

 13.6795, 0.6364,
0.3329

 55.3432, 0.3257,
0.3301

■ 65.5748, 0.3092,
0.3287

■ 77.1320, 0.2959,
0.3273

■ 90.0599, 0.2850,
0.3261

■ 92.1547, 0.2849,
0.3289

Harmonies

Analogous

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



22.2989, 0.4214, 0.2778



22.2989, 0.4827, 0.3377



22.2989, 0.4864, 0.4021

Triad

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



22.2989, 0.4827, 0.3377



22.2989, 0.2776, 0.4696



22.2989, 0.1875, 0.1968

Complementary

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



22.2989, 0.4827, 0.3377



48.4356, 0.2391, 0.3189

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.



22.2989, 0.1622, 0.2219



22.2989, 0.4827, 0.3377



22.2989, 0.2068, 0.3786

Square

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



22.2989, 0.4827, 0.3377



22.2989, 0.3626, 0.4980



22.2989, 0.1677, 0.2830



22.2989, 0.2438, 0.2009

Rectangle

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



22.2989, 0.4827, 0.3377



22.2989, 0.4593, 0.4441



22.2989, 0.1677, 0.2830



22.2989, 0.1757, 0.2016

Sweetspot

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



22.3001, 0.4827, 0.3377



74.1731, 0.3450, 0.3317



24.6620, 0.3256, 0.1999



15.3061, 0.3497, 0.3320



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.



22.3001, 0.4827, 0.3377



29.0137, 0.5388, 0.3380



37.2386, 0.4327, 0.4095



11.9167, 0.3289, 0.3304



8.5699, 0.6354, 0.3337



0.5187, 0.6207, 0.3454

Inverse Universe

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



48.4356, 0.2391, 0.3189



74.0608, 0.2302, 0.3165



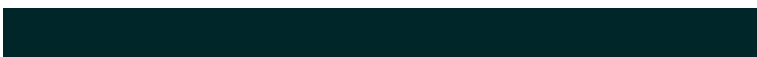
25.9835, 0.2192, 0.2270



13.2846, 0.2983, 0.3276



27.4738, 0.2197, 0.3109



1.5727, 0.2207, 0.3145

Previews

White Background



This preview shows how the Yxy color 22.2989, 0.4827, 0.3377 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 22.2989, 0.4827, 0.3377 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 22.2989, 0.4827, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 22.2989, 0.4827, 0.3377.



This preview shows how white text looks on a background with the Yxy color 22.2989, 0.4827, 0.3377.

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

22.2989, 0.4827, 0.3377

Protanopia

22.4335, 0.3539, 0.3766

Deuteranopia

22.4599, 0.4030, 0.3970



Tritanopia

22.3041, 0.4680, 0.3211

Trichromacy



Original Color

22.2989, 0.4827, 0.3377

Protanomaly

21.4969, 0.3991, 0.3594

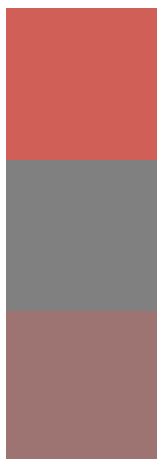
Deuteranomaly

21.9206, 0.4335, 0.3718

Tritanomaly

22.4052, 0.4731, 0.3271

Monochromacy



Original Color

22.2989, 0.4827, 0.3377

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8511, 0.3706, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2989, 0.4827, 0.3377 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, 95, 88)` looks like.

```
.text, #text, p{  
  color:rgb(208, 95, 88)  
}
```

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, 95, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 95, 88) }
```

Border

The CSS property to change the border of an element to Yxy 22.2989, 0.4827, 0.3377 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, 95, 88) }
```

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

```
.border{ border-color:rgb(208, 95, 88) }
```

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

Here you see how a box with a 4 pixel rgb(208, 95, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 95, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 95, 88);  
box-shadow:4px 4px 4px 4px rgb(208, 95,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2989, 0.4827, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 95, 88) }
```

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

```
.background{ background-color: rgb(208, 95,  
88) }
```

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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