

Converting Colors

$Yxy(21.0157, 0.4939, 0.3364)$

Have a look what the booklet for
Yxy(21.0157, 0.4939, 0.3364)
contains.

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Color

Yxy(21.0347, 0.4937, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	CF5953
RGB	207, 89, 83
RGB Percent	81%, 35%, 33%
CMY	0.1883, 0.6509, 0.6746
CMYK	0.00, 0.57, 0.60, 0.19
HSL	3°, 56%, 57%
HSV	3°, 60%, 81%
XYZ	30.8613, 21.0347, 10.6142
YIQ	123.5980, 72.2540, 23.1500

Conversions

Conversions Part 2

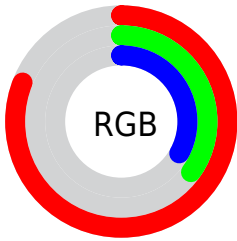
Format	Color
R_{YB}	207, 89, 83
Decimal	13588819
CIE Lab	52.99, 46.30, 26.90
CIE LCh	53, 53.546, 30.154
Yxy	21.0347, 0.4937, 0.3365
Android (android.graphics.Color)	4291778899 (0xFFCF5953)
YUV	123.5980, -20.0148, 73.1436
Hunter-Lab	45.8636, 39.8502, 18.3830

Details

The Yxy color **21.0347, 0.4937, 0.3365** 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 **48.0880, 0.2377, 0.3201**, and the grayscale version is **20.0673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5984, 0.4410, 0.3397**, and **7.5450, 0.5612, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **17.9111, 0.5404, 0.3366**, and if you desaturate by 10%, it is **25.1323, 0.4494, 0.3357**.

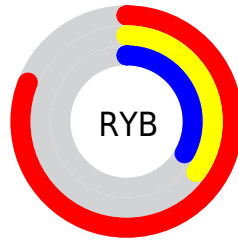
Distribution



Red (81%)

Green (35%)

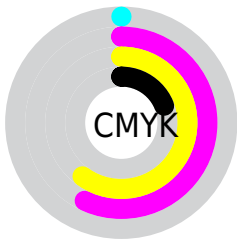
Blue (33%)



Red (81%)

Yellow (35%)

Blue (33%)

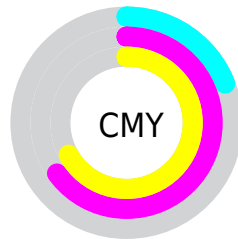


Cyan (0%)

Magenta (57%)

Yellow (60%)

Black (19%)



Cyan (19%)


Magenta (65%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.0347, 0.4937, 0.3365 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 21.0347, 0.4937, 0.3365 by changing the saturation by 10% instead.


 21.0347, 0.4937,
0.3365


 21.0347, 0.4937,
0.3365


257.4628, 0.3913,
0.3384


 13.1494, 0.5228,
0.3330


 45.1453, 0.4537,
0.3391


 7.5315, 0.5616,
0.3260


 62.1393, 0.4395,
0.3395

 3.7966, 0.6150,
0.3118

 82.9384, 0.4279,
0.3395

 1.5605, 0.7099,
0.2901

 107.9269, 0.4181,
0.3394

 0.3307, 0.8287,
0.1713

 137.4891, 0.4099,
0.3392

 0.0000, 1.0000,
0.0000

172.0096, 0.4028,

 0.0000, 0.0000,

0.3390

0.0000

211.8727, 0.3967,
0.3387

■ 21.0347, 0.4937,
0.3365

■ 21.0347, 0.4937,
0.3365

■ 17.9111, 0.5404,
0.3366

■ 25.1323, 0.4494,
0.3357

■ 15.6778, 0.5840,
0.3358

■ 30.2717, 0.4106,
0.3344

■ 14.2426, 0.6175,
0.3341

■ 36.5190, 0.3780,
0.3330

■ 13.4858, 0.6369,
0.3324

■ 43.9335, 0.3514,
0.3316

■ 13.4813, 0.6370,
0.3324

■ 52.5705, 0.3299,
0.3303

■ 62.4816, 0.3126,
0.3290

■ 73.7156, 0.2986,
0.3278

■ 86.3186, 0.2873,
0.3268

■ 92.0025, 0.2844,
0.3289

Harmonies

Analogous

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



21.0347, 0.4283, 0.2742



21.0347, 0.4937, 0.3365



21.0347, 0.4966, 0.4039

Triad

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



21.0347, 0.4937, 0.3365



21.0347, 0.2746, 0.4808



21.0347, 0.1805, 0.1897

Complementary

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



21.0347, 0.4937, 0.3365



48.0880, 0.2377, 0.3201

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.



21.0347, 0.1544, 0.2153



21.0347, 0.4937, 0.3365



21.0347, 0.2002, 0.3822

Square

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



21.0347, 0.4937, 0.3365



21.0347, 0.3643, 0.5094



21.0347, 0.1598, 0.2794



21.0347, 0.2392, 0.1941

Rectangle

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



21.0347, 0.4937, 0.3365



21.0347, 0.4671, 0.4487



21.0347, 0.1598, 0.2794



21.0347, 0.1683, 0.1945

Sweetspot

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



21.0359, 0.4937, 0.3365



72.6239, 0.3474, 0.3314



23.7514, 0.3238, 0.1943



14.7317, 0.3544, 0.3318



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.



21.0359, 0.4937, 0.3365



27.5077, 0.5540, 0.3365



35.4185, 0.4400, 0.4095



11.8992, 0.3289, 0.3302



8.5357, 0.6361, 0.3331



0.5105, 0.6236, 0.3430

Inverse Universe

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



48.0880, 0.2377, 0.3201



74.5213, 0.2289, 0.3180



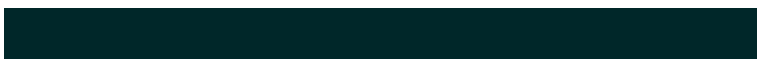
25.3479, 0.2166, 0.2257



13.3042, 0.2983, 0.3278



28.0156, 0.2205, 0.3139



1.5975, 0.2213, 0.3168

Previews

White Background



This preview shows how the Yxy color 21.0347, 0.4937, 0.3365 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 21.0347, 0.4937, 0.3365 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 21.0347, 0.4937, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 21.0347, 0.4937, 0.3365.



This preview shows how white text looks on a background with the Yxy color 21.0347, 0.4937, 0.3365.

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

21.0347, 0.4937, 0.3365

Protanopia

21.2305, 0.3547, 0.3797

Deuteranopia

21.0806, 0.4093, 0.4012



Tritanopia

21.0166, 0.4818, 0.3225

Trichromacy



Original Color

21.0347, 0.4937, 0.3365

Protanomaly

20.1776, 0.4045, 0.3615

Deuteranomaly

20.3860, 0.4420, 0.3736

Tritanomaly

21.1106, 0.4869, 0.3284

Monochromacy



Original Color

21.0347, 0.4937, 0.3365

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.3430, 0.3743, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0347, 0.4937, 0.3365 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, 89, 83)` looks like.

```
.text, #text, p{  
    color:rgb(207, 89, 83)  
}
```

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, 89, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 89, 83) }
```

Border

The CSS property to change the border of an element to Yxy 21.0347, 0.4937, 0.3365 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, 89, 83) }
```

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

```
.border{ border-color:rgb(207, 89, 83) }
```

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

Here you see how a box with a 4 pixel rgb(207, 89, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 89, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 89, 83);  
box-shadow:4px 4px 4px 4px rgb(207, 89,  
83) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 21.0347, 0.4937, 0.3365$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 89, 83) }
```

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

```
.background{ background-color: rgb(207, 89,  
83) }
```

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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