

Converting Colors

$Y_{xy}(21.0462, 0.4600, 0.3285)$

Have a look what the booklet for
Yxy(21.0462, 0.4600, 0.3285)
contains.

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Color

Yxy(21.0347, 0.4601, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	C65F60
RGB	198, 95, 96
RGB Percent	78%, 37%, 38%
CMY	0.2236, 0.6274, 0.6236
CMYK	0.00, 0.52, 0.52, 0.22
HSL	359°, 47%, 57%
HSV	359°, 52%, 78%
XYZ	29.4883, 21.0347, 13.5681
YIQ	125.9110, 61.0670, 22.1470

Conversions

Conversions Part 2

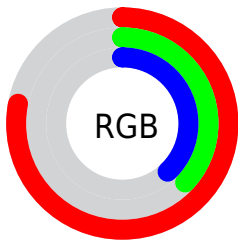
Format	Color
R_{YB}	198, 95, 96
Decimal	13000544
CIE _{Lab}	52.99, 41.13, 19.05
CIE _{LCh}	53, 45.323, 24.851
Yxy	21.0347, 0.4601, 0.3282
Android (android.graphics.Color)	4291190624 (0xFFC65F60)
YUV	125.9110, -14.7461, 63.2221
Hunter-Lab	45.8636, 34.5065, 14.5644

Details

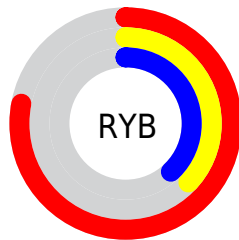
The Yxy color **21.0347, 0.4601, 0.3282** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **46.8465, 0.2466, 0.3302**, and the grayscale version is **20.8691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5151, 0.4245, 0.3314**, and **7.5335, 0.5190, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **17.5928, 0.5062, 0.3282**, and if you desaturate by 10%, it is **25.4752, 0.4191, 0.3283**.

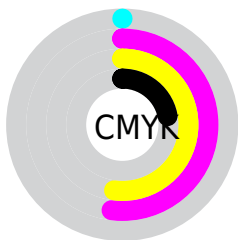
Distribution



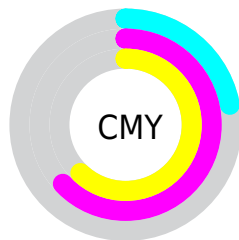
- Red (78%)
- Green (37%)
- Blue (38%)



- Red (78%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (52%)
- Yellow (52%)
- Black (22%)





- Cyan (22%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.0347, 0.4601, 0.3282 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, 0.4601, 0.3282 by changing the saturation by 10% instead.


 21.0347, 0.4601,
0.3282


 21.0347, 0.4601,
0.3282


257.4628, 0.3762,
0.3323


 13.1494, 0.4847,
0.3252


 45.1453, 0.4270,
0.3309


 7.5315, 0.5184,
0.3198


 62.1393, 0.4153,
0.3316

 3.7966, 0.5668,
0.3092

 82.9384, 0.4058,
0.3319

 1.5605, 0.6600,
0.2957

 107.9269, 0.3979,
0.3321

 0.3307, 0.8104,
0.1896

137.4891, 0.3912,
0.3323

 0.0000, 1.0000,
0.0000


172.0096, 0.3855,


 0.0000, 0.0000,


0.3323

0.0000


211.8727, 0.3805,
0.3323


 21.0347, 0.4601,
0.3282


 21.0347, 0.4601,
0.3282

 17.5928, 0.5062,
0.3282


 25.4752, 0.4191,
0.3283


 15.0693, 0.5537,
0.3284


 30.9800, 0.3846,
0.3284


 13.3771, 0.5958,
0.3288

 37.6127, 0.3565,
0.3286

 12.4111, 0.6254,
0.3293

 45.4313, 0.3339,
0.3288

 12.0075, 0.6392,
0.3295

 54.4897, 0.3159,
0.3290

■ 64.8385, 0.3014,
0.3291

■ 76.5255, 0.2898,
0.3293

■ 89.5960, 0.2804,
0.3294

■ 90.7434, 0.2794,
0.3289

Harmonies

Analogous

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



21.0347, 0.3972, 0.2735



21.0347, 0.4601, 0.3282



21.0347, 0.4744, 0.3878

Triad

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



21.0347, 0.4601, 0.3282



21.0347, 0.2958, 0.4639



21.0347, 0.1912, 0.2096

Complementary

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



21.0347, 0.4601, 0.3282



46.8465, 0.2466, 0.3302

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, 0.1727, 0.2393



21.0347, 0.4601, 0.3282



21.0347, 0.2265, 0.3905

Square

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



21.0347, 0.4601, 0.3282



21.0347, 0.3739, 0.4798



21.0347, 0.1838, 0.3023



21.0347, 0.2386, 0.2084

Rectangle

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



21.0347, 0.4601, 0.3282



21.0347, 0.4559, 0.4267



21.0347, 0.1838, 0.3023



21.0347, 0.1818, 0.2161

Sweetspot

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



21.0358, 0.4601, 0.3282



74.3392, 0.3429, 0.3287



24.0362, 0.3166, 0.2050



15.2952, 0.3476, 0.3287



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.



21.0358, 0.4601, 0.3282



30.6799, 0.5107, 0.3283



33.0154, 0.4230, 0.3940



10.6385, 0.3288, 0.3288



7.8110, 0.6389, 0.3293



0.3704, 0.6348, 0.3271

Inverse Universe

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



21.0358, 0.4601, 0.3282



30.6799, 0.5107, 0.3283



27.7586, 0.2306, 0.2507



10.6385, 0.3288, 0.3288



7.8110, 0.6389, 0.3293



0.3704, 0.6348, 0.3271

Previews

White Background



This preview shows how the Yxy color 21.0347, 0.4601, 0.3282 looks on a white background.

Color Contrast Check

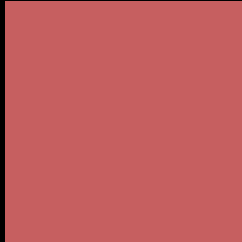
Large Text (above 18pt) WCAG AA ✓ Pass

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, 0.4601, 0.3282 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, 0.4601, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 21.0347, 0.4601, 0.3282.



This preview shows how white text looks on a background with the Yxy color 21.0347, 0.4601, 0.3282.

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, 0.4601, 0.3282

Protanopia

21.3130, 0.3381, 0.3580

Deuteranopia

21.2537, 0.3878, 0.3814



Tritanopia

20.9508, 0.4533, 0.3204

Trichromacy



Original Color

21.0347, 0.4601, 0.3282

Protanomaly

20.4702, 0.3804, 0.3440

Deuteranomaly

20.7035, 0.4144, 0.3587

Tritanomaly

20.9120, 0.4563, 0.3230

Monochromacy



Original Color

21.0347, 0.4601, 0.3282

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1747, 0.3618, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0347, 0.4601, 0.3282 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(198, 95, 96)` looks like.

```
.text, #text, p{  
    color:rgb(198, 95, 96)  
}
```

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(198, 95, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 95, 96) }
```

Border

The CSS property to change the border of an element to Yxy 21.0347, 0.4601, 0.3282 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(198, 95, 96) }
```

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

```
.border{ border-color:rgb(198, 95, 96) }
```

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

Here you see how a box with a 4 pixel rgb(198, 95, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 95, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 95, 96);  
box-shadow:4px 4px 4px 4px rgb(198, 95,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0347, 0.4601, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 95, 96) }
```

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

```
.background{ background-color: rgb(198, 95,  
96) }
```

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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