

Converting Colors

$Y_{xy}(20.0283, 0.4459, 0.3377)$

Have a look what the booklet for
Yxy(20.0283, 0.4459, 0.3377)
contains.

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Color

Yxy(20.0283, 0.4459, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	B9635D
RGB	185, 99, 93
RGB Percent	73%, 39%, 36%
CMY	0.2745, 0.6117, 0.6352
CMYK	0.00, 0.46, 0.50, 0.27
HSL	4°, 40%, 55%
HSV	4°, 50%, 73%
XYZ	26.4454, 20.0283, 12.8342
YIQ	124.0300, 53.1820, 16.3660

Conversions

Conversions Part 2

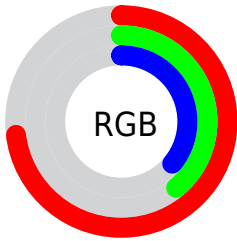
Format	Color
RYB	185, 99, 93
Decimal	12149597
CIELab	51.87, 33.88, 18.95
CIELCh	52, 38.820, 29.226
Yxy	20.0283, 0.4459, 0.3377
Android (android.graphics.Color)	4290339677 (0xFFB9635D)
YUV	124.0300, -15.2978, 53.4707
Hunter-Lab	44.7530, 27.1614, 14.3239

Details

The Yxy color **20.0283, 0.4459, 0.3377** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.0785, 0.2467, 0.3195**, and the grayscale version is **20.2065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3495, 0.4159, 0.3381**, and **6.9911, 0.5009, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **16.8061, 0.4890, 0.3388**, and if you desaturate by 10%, it is **24.0338, 0.4081, 0.3361**.

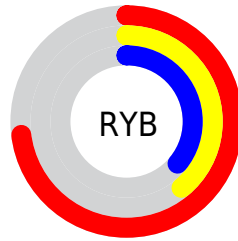
Distribution



Red (73%)

Green (39%)

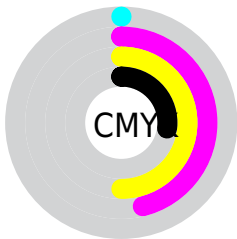
Blue (36%)



Red (73%)

Yellow (39%)

Blue (36%)

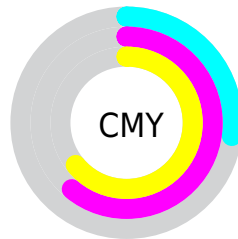


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (27%)



Cyan (27%)

Magenta (61%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0283, 0.4459, 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 20.0283, 0.4459, 0.3377 by changing the saturation by 10% instead.


 20.0283, 0.4459,
0.3377


 20.0283, 0.4459,
0.3377


252.0683, 0.3694,
0.3360


 12.4156, 0.4687,
0.3365


 43.4646, 0.4155,
0.3380


 7.0274, 0.5003,
0.3336


 60.0571, 0.4049,
0.3378

 3.4792, 0.5464,
0.3265

 80.4115, 0.3962,
0.3376

 1.3868, 0.6505,
0.3248

 104.9124, 0.3890,
0.3372

 0.2069, 0.8337,
0.1663

133.9442, 0.3830,
0.3369

 0.0000, 0.0000,
0.0000

167.8911, 0.3778,

0.3366

207.1377, 0.3733,
0.3363

■ 20.0283, 0.4459,
0.3377

■ 20.0283, 0.4459,
0.3377

■ 16.8061, 0.4890,
0.3388

■ 24.0338, 0.4081,
0.3361

■ 14.3129, 0.5349,
0.3391

■ 28.8660, 0.3764,
0.3343

■ 12.4929, 0.5785,
0.3382


■ 34.5687, 0.3504,
0.3324

■ 11.2802, 0.6131,
0.3360

■ 41.1817, 0.3293,
0.3306

■ 10.5906, 0.6349,
0.3337


■ 48.7426, 0.3123,
0.3290

 10.5773, 0.6354,
0.3337

 57.2865, 0.2985,
0.3274

 66.8471, 0.2872,
0.3261

 77.4562, 0.2780,
0.3249

 88.8494, 0.2726,
0.3285

Harmonies

Analogous

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



20.0283, 0.3964, 0.2870



20.0283, 0.4459, 0.3377



20.0283, 0.4530, 0.3913

Triad

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



20.0283, 0.4459, 0.3377



20.0283, 0.2894, 0.4378



20.0283, 0.2093, 0.2214

Complementary

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



20.0283, 0.4459, 0.3377



38.0785, 0.2467, 0.3195

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.



20.0283, 0.1886, 0.2451



20.0283, 0.4459, 0.3377



20.0283, 0.2301, 0.3711

Square

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



20.0283, 0.4459, 0.3377



20.0283, 0.3586, 0.4613



20.0283, 0.1952, 0.2972



20.0283, 0.2560, 0.2231

Rectangle

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



20.0283, 0.4459, 0.3377



20.0283, 0.4341, 0.4244



20.0283, 0.1952, 0.2972



20.0283, 0.1995, 0.2263

Sweetspot

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



20.0293, 0.4459, 0.3377



67.0024, 0.3404, 0.3316



21.4588, 0.3236, 0.2157



13.9224, 0.3450, 0.3320



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.0293, 0.4459, 0.3377



29.4649, 0.4948, 0.3389



30.9332, 0.4117, 0.3992



9.1034, 0.3286, 0.3305



7.2426, 0.6343, 0.3345



0.2872, 0.6126, 0.3518

Inverse Universe

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



38.0785, 0.2467, 0.3195



65.5433, 0.2365, 0.3171



22.9959, 0.2324, 0.2445



10.1080, 0.2985, 0.3275



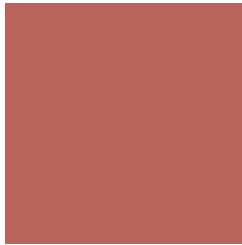
22.7704, 0.2191, 0.3089



0.8330, 0.2207, 0.3144

Previews

White Background



This preview shows how the Yxy color 20.0283, 0.4459, 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 20.0283, 0.4459, 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 20.0283, 0.4459, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 20.0283, 0.4459, 0.3377.



This preview shows how white text looks on a background with the Yxy color 20.0283, 0.4459, 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

20.0283, 0.4459, 0.3377

Protanopia

20.2605, 0.3436, 0.3641

Deuteranopia

20.1180, 0.3869, 0.3810



Tritanopia

19.9880, 0.4321, 0.3196

Trichromacy



Original Color

20.0283, 0.4459, 0.3377

Protanomaly

19.7804, 0.3791, 0.3530

Deuteranomaly

19.9036, 0.4093, 0.3647

Tritanomaly

20.0946, 0.4375, 0.3266

Monochromacy



Original Color

20.0283, 0.4459, 0.3377

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5647, 0.3564, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0283, 0.4459, 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(185, 99, 93)` looks like.

```
.text, #text, p{  
    color:rgb(185, 99, 93)  
}
```

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(185, 99, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 99, 93) }
```

Border

The CSS property to change the border of an element to Yxy 20.0283, 0.4459, 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(185, 99, 93) }
```

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

```
.border{ border-color:rgb(185, 99, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 99, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 99, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 99, 93);  
box-shadow:4px 4px 4px 4px rgb(185, 99,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0283, 0.4459, 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(185, 99, 93) }
```

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

```
.background{ background-color: rgb(185, 99,  
93) }
```

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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