

Converting Colors

$Y_{xy}(24.0798, 0.4413, 0.3630)$

Have a look what the booklet for
Yxy(24.0798, 0.4413, 0.3630)
contains.

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Color

Yxy(24.1933, 0.4411, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	BE745B
RGB	190, 116, 91
RGB Percent	75%, 45%, 36%
CMY	0.2549, 0.5450, 0.6432
CMYK	0.00, 0.39, 0.52, 0.25
HSL	15°, 43%, 55%
HSV	15°, 52%, 75%
XYZ	29.3662, 24.1933, 13.0154
YIQ	135.2760, 52.1290, 7.9130

Conversions

Conversions Part 2

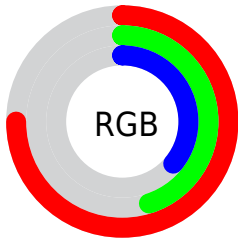
Format	Color
R _Y B	190, 124, 91
Decimal	12481627
CIE Lab	56.28, 26.46, 26.10
CIE LCh	56, 37.169, 44.606
Yxy	24.1933, 0.4411, 0.3634
Android (android.graphics.Color)	4290671707 (0xFFBE745B)
YUV	135.2760, -21.8281, 47.9929
Hunter-Lab	49.1867, 20.4940, 18.7418

Details

The Yxy color **24.1933, 0.4411, 0.3634** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.8354, 0.2383, 0.2893**, and the grayscale version is **24.4050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4388, 0.4136, 0.3593**, and **9.1903, 0.4869, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **20.8803, 0.4782, 0.3680**, and if you desaturate by 10%, it is **28.0919, 0.4077, 0.3573**.

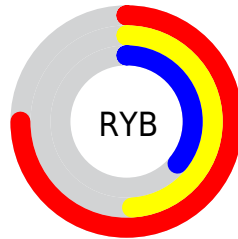
Distribution



Red (75%)

Green (45%)

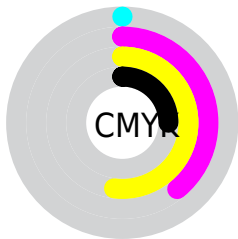
Blue (36%)



Red (75%)

Yellow (49%)

Blue (36%)

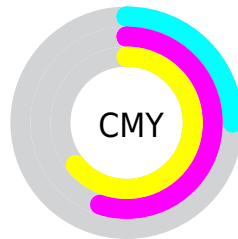


Cyan (0%)

Magenta (39%)

Yellow (52%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1933, 0.4411, 0.3634 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 24.1933, 0.4411, 0.3634 by changing the saturation by 10% instead.


 24.1933, 0.4411,
0.3634


 24.1933, 0.4411,
0.3634


273.7963, 0.3697,
0.3479


 15.4771, 0.4612,
0.3660


 50.3455, 0.4134,
0.3585


 9.1549, 0.4882,
0.3681


 68.5502, 0.4035,
0.3564

 4.8423, 0.5257,
0.3682

 90.6865, 0.3954,
0.3546

 2.1551, 0.6010,
0.3750

 117.1389, 0.3886,
0.3529

 0.6953, 0.6678,
0.3322

148.2916, 0.3828,
0.3515

 0.0000, 1.0000,
0.0000

184.5292, 0.3778,

 0.0000, 0.0000,

0.3502

0.0000

226.2359, 0.3735,
0.3490

■ 24.1933, 0.4411,
0.3634

■ 24.1933, 0.4411,
0.3634

■ 20.8803, 0.4782,
0.3680

■ 28.0919, 0.4077,
0.3573

■ 18.1201, 0.5172,
0.3699

■ 32.5993, 0.3787,
0.3504

■ 15.8824, 0.5549,
0.3682

■ 37.7420, 0.3540,
0.3435

■ 14.1318, 0.5871,
0.3624

■ 43.5436, 0.3333,
0.3367

■ 13.0622, 0.6074,
0.3559

■ 50.0266, 0.3160,
0.3303

■ 57.2125, 0.3015,
0.3244

■ 65.1217, 0.2894,
0.3190

■ 73.7738, 0.2792,
0.3140

■ 82.7305, 0.2741,
0.3169

Harmonies

Analogous

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



24.1933, 0.4148, 0.3144



24.1933, 0.4411, 0.3634



24.1933, 0.4282, 0.4103

Triad

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



24.1933, 0.4411, 0.3634



24.1933, 0.2626, 0.3986



24.1933, 0.2378, 0.2289

Complementary

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



24.1933, 0.4411, 0.3634



32.8354, 0.2383, 0.2893

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.



24.1933, 0.2061, 0.2388



24.1933, 0.4411, 0.3634



24.1933, 0.2185, 0.3321

Square

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



24.1933, 0.4411, 0.3634



24.1933, 0.3230, 0.4419



24.1933, 0.1993, 0.2736



24.1933, 0.2915, 0.2410

Rectangle

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



24.1933, 0.4411, 0.3634



24.1933, 0.4013, 0.4345



24.1933, 0.1993, 0.2736



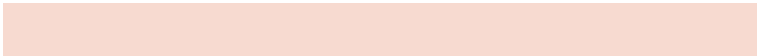
24.1933, 0.2246, 0.2296

Sweetspot

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



24.1945, 0.4411, 0.3634



74.4094, 0.3415, 0.3394



21.1501, 0.3491, 0.2323



15.8595, 0.3458, 0.3409



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



24.1945, 0.4411, 0.3634



36.8124, 0.4856, 0.3686



38.6964, 0.4035, 0.4264



9.9179, 0.3282, 0.3349



8.7949, 0.6051, 0.3577



0.4531, 0.5569, 0.3960

Inverse Universe

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



32.8354, 0.2383, 0.2893



54.0764, 0.2253, 0.2784



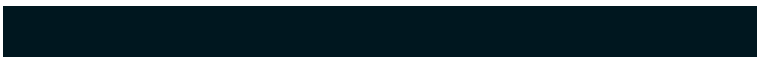
18.3700, 0.2217, 0.2055



10.3899, 0.2985, 0.3231



15.4593, 0.2017, 0.2460



0.7042, 0.2078, 0.2682

Previews

White Background



This preview shows how the Yxy color 24.1933, 0.4411, 0.3634 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 24.1933, 0.4411, 0.3634 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 24.1933, 0.4411, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 24.1933, 0.4411, 0.3634.



This preview shows how white text looks on a background with the Yxy color 24.1933, 0.4411, 0.3634.

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

24.1933, 0.4411, 0.3634

Protanopia

24.2485, 0.3636, 0.3903

Deuteranopia

24.1916, 0.4018, 0.3933



Tritanopia

24.1509, 0.4075, 0.3183

Trichromacy



Original Color

24.1933, 0.4411, 0.3634

Protanomaly

23.8599, 0.3908, 0.3801

Deuteranomaly

24.0208, 0.4168, 0.3815

Tritanomaly

23.9907, 0.4208, 0.3348

Monochromacy



Original Color

24.1933, 0.4411, 0.3634

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7388, 0.3558, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1933, 0.4411, 0.3634 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(190, 116, 91)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 91)  
}
```

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(190, 116, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 91) }
```

Border

The CSS property to change the border of an element to Yxy 24.1933, 0.4411, 0.3634 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(190, 116, 91) }
```

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

```
.border{ border-color:rgb(190, 116, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 116, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 91);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1933, 0.4411, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 91) }
```

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

```
.background{ background-color: rgb(190,  
116, 91) }
```

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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