

Converting Colors

$Y_{xy}(21.9627, 0.4646, 0.3676)$

Have a look what the booklet for
Yxy(21.9627, 0.4646, 0.3676)
contains.

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Color

Yxy(22.0126, 0.4655, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	BE6B4E
RGB	190, 107, 78
RGB Percent	75%, 42%, 31%
CMY	0.2549, 0.5804, 0.6942
CMYK	0.00, 0.44, 0.59, 0.25
HSL	16°, 46%, 53%
HSV	16°, 59%, 75%
XYZ	27.8675, 22.0126, 9.9856
YIQ	128.5110, 58.7770, 8.5770

Conversions

Conversions Part 2

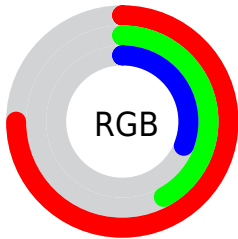
Format	Color
R _Y B	190, 117, 78
Decimal	12479310
CIE Lab	54.04, 30.27, 30.57
CIE LCh	54, 43.018, 45.281
Yxy	22.0126, 0.4655, 0.3677
Android (android.graphics.Color)	4290669390 (0xFFBE6B4E)
YUV	128.5110, -24.9019, 53.9259
Hunter-Lab	46.9176, 23.9172, 20.2235

Details

The Yxy color **22.0126, 0.4655, 0.3677** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.8197, 0.2303, 0.2819**, and the grayscale version is **21.8469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6788, 0.4323, 0.3622**, and **8.0359, 0.5215, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **19.0790, 0.5039, 0.3707**, and if you desaturate by 10%, it is **25.5052, 0.4297, 0.3624**.

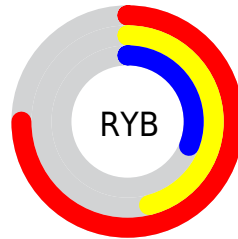
Distribution



Red (75%)

Green (42%)

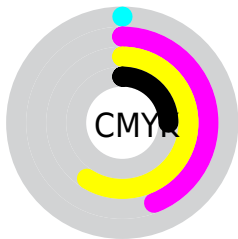
Blue (31%)



Red (75%)

Yellow (46%)

Blue (31%)

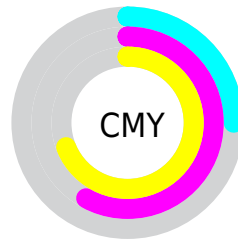


Cyan (0%)

Magenta (44%)

Yellow (59%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0126, 0.4655, 0.3677 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 22.0126, 0.4655, 0.3677 by changing the saturation by 10% instead.


 22.0126, 0.4655,
0.3677


 22.0126, 0.4655,
0.3677


262.6121, 0.3798,
0.3513


 13.8662, 0.4895,
0.3696


 46.7668, 0.4322,
0.3630


 8.0276, 0.5215,
0.3700


 64.1434, 0.4204,
0.3608

 4.1126, 0.5657,
0.3665

 85.3655, 0.4106,
0.3588

 1.7368, 0.6409,
0.3591

 110.8174, 0.4024,
0.3570

 0.4473, 0.7296,
0.2704

 140.8837, 0.3954,
0.3553

 0.0000, 1.0000,
0.0000

175.9486, 0.3895,

 0.0000, 0.0000,

0.3538

0.0000

216.3966, 0.3843,
0.3525

■ 22.0126, 0.4655,
0.3677

■ 22.0126, 0.4655,
0.3677

■ 19.0790, 0.5039,
0.3707

■ 25.5052, 0.4297,
0.3624

■ 16.6707, 0.5421,
0.3704

■ 29.5809, 0.3978,
0.3558

■ 14.7558, 0.5764,
0.3658

■ 34.2668, 0.3703,
0.3487

■ 13.2925, 0.6034,
0.3578

■ 39.5869, 0.3470,
0.3416

■ 13.1622, 0.6060,
0.3570

■ 45.5642, 0.3275,
0.3347

■ 52.2203, 0.3111,
0.3284

■ 59.5759, 0.2974,
0.3225

■ 67.6507, 0.2860,
0.3171

■ 76.4638, 0.2763,
0.3122

Harmonies

Analogous

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



22.0126, 0.4359, 0.3116



22.0126, 0.4655, 0.3677



22.0126, 0.4473, 0.4230

Triad

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



22.0126, 0.4655, 0.3677



22.0126, 0.2509, 0.4118



22.0126, 0.2257, 0.2126

Complementary

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



22.0126, 0.4655, 0.3677



30.8197, 0.2303, 0.2819

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.



22.0126, 0.1892, 0.2223



22.0126, 0.4655, 0.3677



22.0126, 0.2010, 0.3295

Square

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



22.0126, 0.4655, 0.3677



22.0126, 0.3212, 0.4655



22.0126, 0.1805, 0.2608



22.0126, 0.2885, 0.2273

Rectangle

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



22.0126, 0.4655, 0.3677



22.0126, 0.4141, 0.4533



22.0126, 0.1805, 0.2608



22.0126, 0.2105, 0.2130

Sweetspot

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



22.0137, 0.4655, 0.3677



72.4177, 0.3456, 0.3411



19.0027, 0.3556, 0.2217



15.2462, 0.3520, 0.3432



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.



22.0137, 0.4655, 0.3677



33.0782, 0.5163, 0.3710



37.3361, 0.4160, 0.4372



9.9275, 0.3282, 0.3350



8.8623, 0.6037, 0.3588



0.4572, 0.5553, 0.3973

Inverse Universe

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



30.8197, 0.2303, 0.2819



50.2765, 0.2174, 0.2693



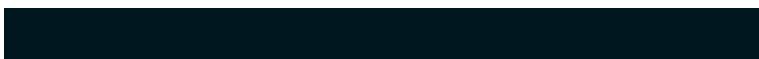
15.6432, 0.2093, 0.1861



10.3797, 0.2985, 0.3229



15.2276, 0.2011, 0.2438



0.6967, 0.2074, 0.2666

Previews

White Background



This preview shows how the Yxy color 22.0126, 0.4655, 0.3677 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 22.0126, 0.4655, 0.3677 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 22.0126, 0.4655, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 22.0126, 0.4655, 0.3677.



This preview shows how white text looks on a background with the Yxy color 22.0126, 0.4655, 0.3677.

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

22.0126, 0.4655, 0.3677

Protanopia

22.3161, 0.3745, 0.4040

Deuteranopia

22.1924, 0.4141, 0.4070



Tritanopia

22.0328, 0.4268, 0.3198

Trichromacy



Original Color

22.0126, 0.4655, 0.3677

Protanomaly

21.9301, 0.4067, 0.3902

Deuteranomaly

22.0247, 0.4335, 0.3920

Tritanomaly

21.8588, 0.4422, 0.3375

Monochromacy



Original Color

22.0126, 0.4655, 0.3677

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3798, 0.3645, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0126, 0.4655, 0.3677 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, 107, 78)` looks like.

```
.text, #text, p{  
    color:rgb(190, 107, 78)  
}
```

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, 107, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 107, 78) }
```

Border

The CSS property to change the border of an element to Yxy 22.0126, 0.4655, 0.3677 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, 107, 78) }
```

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

```
.border{ border-color:rgb(190, 107, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 107, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 107, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 107, 78);  
box-shadow:4px 4px 4px 4px rgb(190, 107,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0126, 0.4655, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 107, 78) }
```

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

```
.background{ background-color: rgb(190,  
107, 78) }
```

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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