

Converting Colors

$Y_{xy}(22.8190, 0.4418, 0.3489)$

Have a look what the booklet for
Yxy(22.8190, 0.4418, 0.3489)
contains.

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Color

Yxy(22.7107, 0.4414, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	BE6D5F
RGB	190, 109, 95
RGB Percent	75%, 43%, 37%
CMY	0.2550, 0.5725, 0.6275
CMYK	0.00, 0.43, 0.50, 0.25
HSL	9°, 42%, 56%
HSV	9°, 50%, 75%
XYZ	28.7647, 22.7107, 13.6916
YIQ	131.6230, 52.7700, 12.8180

Conversions

Conversions Part 2

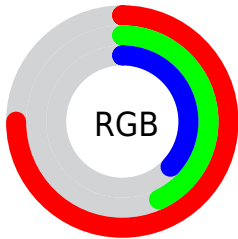
Format	Color
R _Y B	190, 111, 95
Decimal	12479839
CIE Lab	54.77, 30.64, 21.82
CIE LCh	55, 37.616, 35.463
Yxy	22.7107, 0.4414, 0.3485
Android (android.graphics.Color)	4290669919 (0xFFBE6D5F)
YUV	131.6230, -18.0551, 51.1966
Hunter-Lab	47.6557, 24.3439, 16.3249

Details

The Yxy color **22.7107, 0.4414, 0.3485** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.1787, 0.2440, 0.3072**, and the grayscale version is **22.9846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0557, 0.4123, 0.3465**, and **8.4400, 0.4895, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **19.2646, 0.4818, 0.3512**, and if you desaturate by 10%, it is **26.8798, 0.4058, 0.3449**.

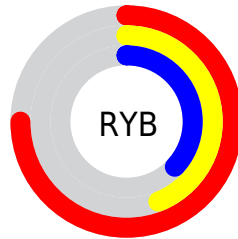
Distribution



Red (75%)

Green (43%)

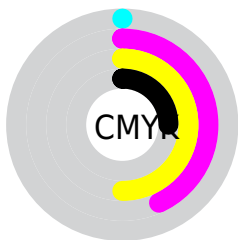
Blue (37%)



Red (75%)

Yellow (44%)

Blue (37%)

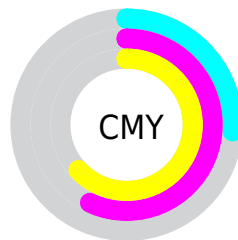


Cyan (0%)

Magenta (43%)

Yellow (50%)

Black (25%)



Cyan (26%)


Magenta (57%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7107, 0.4414, 0.3485 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 22.7107, 0.4414, 0.3485 by changing the saturation by 10% instead.


 22.7107, 0.4414,
0.3485


 22.7107, 0.4414,
0.3485


266.2356, 0.3689,
0.3409


 14.3800, 0.4623,
0.3491


 47.9179, 0.4130,
0.3466


 8.3855, 0.4909,
0.3486


 65.5631, 0.4029,
0.3455

 4.3426, 0.5315,
0.3453

 87.0821, 0.3947,
0.3446

 1.8670, 0.6094,
0.3437

 112.8591, 0.3878,
0.3437

 0.5284, 0.7141,
0.2859

143.2786, 0.3820,
0.3429

 0.0000, 1.0000,
0.0000

178.7249, 0.3770,

 0.0000, 0.0000,

0.3422

0.0000

219.5824, 0.3727,
0.3415

■ 22.7107, 0.4414,
0.3485

■ 22.7107, 0.4414,
0.3485

■ 19.2646, 0.4818,
0.3512

■ 26.8798, 0.4058,
0.3449

■ 16.4966, 0.5250,
0.3521

■ 31.8062, 0.3755,
0.3408

■ 14.3627, 0.5668,
0.3506


■ 37.5265, 0.3504,
0.3367


■ 12.8115, 0.6018,
0.3464


■ 44.0735, 0.3297,
0.3327


■ 11.7776, 0.6264,
0.3408


■ 51.4785, 0.3127,
0.3290

 11.7775, 0.6264,
0.3408

 59.7710, 0.2988,
0.3256

 68.9790, 0.2873,
0.3225

 79.1295, 0.2778,
0.3197

 89.5214, 0.2752,
0.3286

Harmonies

Analogous

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



22.7107, 0.4026, 0.2993



22.7107, 0.4414, 0.3485



22.7107, 0.4399, 0.3984

Triad

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



22.7107, 0.4414, 0.3485



22.7107, 0.2787, 0.4189



22.7107, 0.2230, 0.2265

Complementary

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



22.7107, 0.4414, 0.3485



37.1787, 0.2440, 0.3072

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.



22.7107, 0.1981, 0.2440



22.7107, 0.4414, 0.3485



22.7107, 0.2268, 0.3535

Square

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



22.7107, 0.4414, 0.3485



22.7107, 0.3430, 0.4508



22.7107, 0.1991, 0.2877



22.7107, 0.2719, 0.2325

Rectangle

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



22.7107, 0.4414, 0.3485



22.7107, 0.4181, 0.4273



22.7107, 0.1991, 0.2877



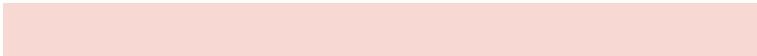
22.7107, 0.2119, 0.2296

Sweetspot

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



22.7119, 0.4414, 0.3485



73.4757, 0.3400, 0.3348



22.3136, 0.3332, 0.2233



15.5877, 0.3445, 0.3356



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.



22.7119, 0.4414, 0.3485



34.3786, 0.4860, 0.3513



35.2622, 0.4070, 0.4096



9.7577, 0.3285, 0.3325



7.9061, 0.6247, 0.3422



0.3833, 0.5860, 0.3729

Inverse Universe

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



37.1787, 0.2440, 0.3072



63.4690, 0.2330, 0.3016



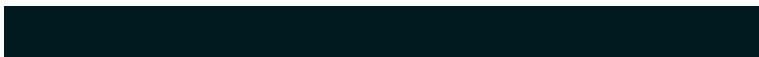
22.0662, 0.2292, 0.2302



10.5628, 0.2985, 0.3255



19.7297, 0.2117, 0.2820



0.8392, 0.2151, 0.2944

Previews

White Background



This preview shows how the Yxy color 22.7107, 0.4414, 0.3485 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 22.7107, 0.4414, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

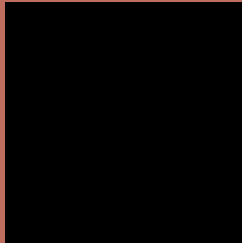
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.7107, 0.4414, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 22.7107, 0.4414, 0.3485.



This preview shows how white text looks on a background with the Yxy color 22.7107, 0.4414, 0.3485.

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

22.7107, 0.4414, 0.3485

Protanopia

22.8280, 0.3525, 0.3745

Deuteranopia

22.8625, 0.3917, 0.3844



Tritanopia

22.5993, 0.4180, 0.3183

Trichromacy



Original Color

22.7107, 0.4414, 0.3485

Protanomaly

22.3746, 0.3839, 0.3650

Deuteranomaly

22.6583, 0.4099, 0.3707

Tritanomaly

22.6533, 0.4274, 0.3293

Monochromacy



Original Color

22.7107, 0.4414, 0.3485

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.5195, 0.3547, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7107, 0.4414, 0.3485 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, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(190, 109, 95)  
}
```

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, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 109, 95) }
```

Border

The CSS property to change the border of an element to Yxy 22.7107, 0.4414, 0.3485 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, 109, 95) }
```

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

```
.border{ border-color:rgb(190, 109, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 109, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(190, 109,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7107, 0.4414, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 109, 95) }
```

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

```
.background{ background-color: rgb(190,  
109, 95) }
```

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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