

Converting Colors

$Y_{xy}(23.5362, 0.4520, 0.3678)$

Have a look what the booklet for
Yxy(23.5362, 0.4520, 0.3678)
contains.

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Color

Yxy(23.5425, 0.4523, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	BF7155
RGB	191, 113, 85
RGB Percent	75%, 44%, 33%
CMY	0.2510, 0.5568, 0.6666
CMYK	0.00, 0.41, 0.55, 0.25
HSL	16°, 45%, 54%
HSV	16°, 55%, 75%
XYZ	29.0302, 23.5425, 11.6108
YIQ	133.1300, 55.4760, 7.8280

Conversions

Conversions Part 2

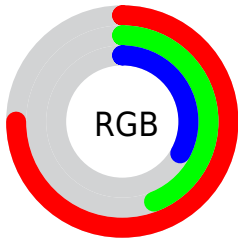
Format	Color
R_{YB}	191, 123, 85
Decimal	12546389
CIE _{Lab}	55.63, 27.99, 28.65
CIE _{LCh}	56, 40.054, 45.673
Yxy	23.5425, 0.4523, 0.3668
Android (android.graphics.Color)	4290736469 (0xFFBF7155)
YUV	133.1300, -23.7281, 50.7520
Hunter-Lab	48.5206, 21.8866, 19.7766

Details

The Yxy color **23.5425, 0.4523, 0.3668** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.8877, 0.2340, 0.2842**, and the grayscale version is **23.5794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3457, 0.4217, 0.3623**, and **8.8816, 0.5031, 0.3714** is the 20% darker color. If you saturate the color by 10%, you get **20.3828, 0.4898, 0.3709**, and if you desaturate by 10%, it is **27.2722, 0.4179, 0.3608**.

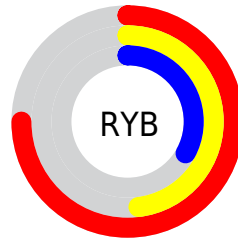
Distribution



Red (75%)

Green (44%)

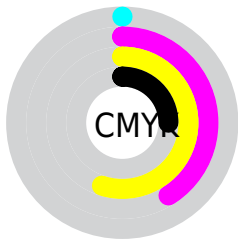
Blue (33%)



Red (75%)

Yellow (48%)

Blue (33%)

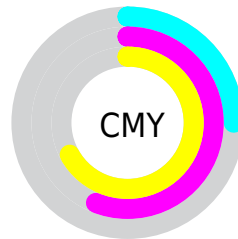


Cyan (0%)

Magenta (41%)

Yellow (55%)

Black (25%)



Cyan (25%)


Magenta (56%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5425, 0.4523, 0.3668 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 23.5425, 0.4523, 0.3668 by changing the saturation by 10% instead.


 23.5425, 0.4523,
0.3668


 23.5425, 0.4523,
0.3668


270.4993, 0.3745,
0.3501


 14.9946, 0.4741,
0.3693


 49.2826, 0.4222,
0.3617

 8.8156, 0.5031,
0.3710


 67.2436, 0.4114,
0.3595


 4.6211, 0.5429,
0.3698

 89.1110, 0.4026,
0.3575

 2.0267, 0.6247,
0.3753

 115.2693, 0.3951,
0.3557

 0.6229, 0.6849,
0.3151

 146.1029, 0.3888,
0.3540

 0.0000, 1.0000,
0.0000

181.9962, 0.3834,

 0.0000, 0.0000,

0.3526

0.0000

223.3335, 0.3787,
0.3513

■ 23.5425, 0.4523,
0.3668

■ 23.5425, 0.4523,
0.3668

■ 20.3828, 0.4898,
0.3709

■ 27.2722, 0.4179,
0.3608

■ 17.7605, 0.5283,
0.3718

■ 31.5952, 0.3877,
0.3538

■ 15.6449, 0.5642,
0.3688

■ 36.5376, 0.3617,
0.3465

■ 14.0001, 0.5936,
0.3615

■ 42.1232, 0.3399,
0.3394

■ 13.3957, 0.6049,
0.3579

■ 48.3743, 0.3215,
0.3325

■ 55.3120, 0.3061,
0.3262

■ 62.9567, 0.2932,
0.3204

■ 71.3278, 0.2824,
0.3150

■ 80.3204, 0.2742,
0.3122

Harmonies

Analogous

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



23.5425, 0.4255, 0.3145



23.5425, 0.4523, 0.3668



23.5425, 0.4361, 0.4173

Triad

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



23.5425, 0.4523, 0.3668



23.5425, 0.2559, 0.4028



23.5425, 0.2335, 0.2215

Complementary

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



23.5425, 0.4523, 0.3668



31.8877, 0.2340, 0.2842

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.



23.5425, 0.1989, 0.2308



23.5425, 0.4523, 0.3668



23.5425, 0.2097, 0.3292

Square

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



23.5425, 0.4523, 0.3668



23.5425, 0.3206, 0.4518



23.5425, 0.1905, 0.2666



23.5425, 0.2919, 0.2353

Rectangle

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



23.5425, 0.4523, 0.3668



23.5425, 0.4059, 0.4439



23.5425, 0.1905, 0.2666



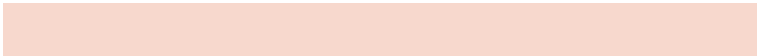
23.5425, 0.2191, 0.2219

Sweetspot

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



23.5437, 0.4523, 0.3668



73.5811, 0.3435, 0.3406



20.2731, 0.3523, 0.2269



15.6996, 0.3478, 0.3421



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.



23.5437, 0.4523, 0.3668



35.2103, 0.4998, 0.3714



38.4618, 0.4098, 0.4319



9.9353, 0.3282, 0.3351



8.9183, 0.6026, 0.3597



0.4606, 0.5541, 0.3982

Inverse Universe

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



31.8877, 0.2340, 0.2842



51.4979, 0.2207, 0.2720



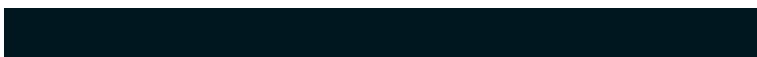
17.1733, 0.2155, 0.1959



10.3714, 0.2985, 0.3228



15.0410, 0.2006, 0.2420



0.6906, 0.2070, 0.2653

Previews

White Background



This preview shows how the Yxy color 23.5425, 0.4523, 0.3668 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 23.5425, 0.4523, 0.3668 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 23.5425, 0.4523, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 23.5425, 0.4523, 0.3668.



This preview shows how white text looks on a background with the Yxy color 23.5425, 0.4523, 0.3668.

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

23.5425, 0.4523, 0.3668

Protanopia

23.7698, 0.3694, 0.3991

Deuteranopia

23.7289, 0.4081, 0.4011



Tritanopia

23.5591, 0.4145, 0.3184

Trichromacy



Original Color

23.5425, 0.4523, 0.3668

Protanomaly

23.2370, 0.3992, 0.3864

Deuteranomaly

23.6747, 0.4246, 0.3885

Tritanomaly

23.3782, 0.4294, 0.3362

Monochromacy



Original Color

23.5425, 0.4523, 0.3668

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.0527, 0.3589, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5425, 0.4523, 0.3668 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(191, 113, 85)` looks like.

```
.text, #text, p{  
    color:rgb(191, 113, 85)  
}
```

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(191, 113, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 113, 85) }
```

Border

The CSS property to change the border of an element to Yxy 23.5425, 0.4523, 0.3668 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(191, 113, 85) }
```

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

```
.border{ border-color:rgb(191, 113, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 113, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 113, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 113, 85);  
box-shadow:4px 4px 4px 4px rgb(191, 113,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5425, 0.4523, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 113, 85) }
```

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

```
.background{ background-color: rgb(191,  
113, 85) }
```

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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