

Converting Colors

$Y_{xy}(22.5901, 0.4526, 0.3563)$

Have a look what the booklet for
Yxy(22.5901, 0.4526, 0.3563)
contains.

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Color

Yxy(22.5061, 0.4528, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	BF6C58
RGB	191, 108, 88
RGB Percent	75%, 42%, 35%
CMY	0.2510, 0.5764, 0.6549
CMYK	0.00, 0.43, 0.54, 0.25
HSL	12°, 45%, 55%
HSV	12°, 54%, 75%
XYZ	28.6097, 22.5061, 12.0681
YIQ	130.5370, 55.8880, 11.3760

Conversions

Conversions Part 2

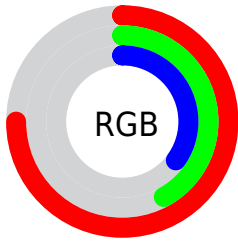
Format	Color
R _Y B	191, 113, 88
Decimal	12545112
CIE Lab	54.56, 30.95, 25.58
CIE LCh	55, 40.157, 39.576
Yxy	22.5061, 0.4528, 0.3562
Android (android.graphics.Color)	4290735192 (0xFFBF6C58)
YUV	130.5370, -20.9707, 53.0261
Hunter-Lab	47.4406, 24.6257, 18.1260

Details

The Yxy color **22.5061, 0.4528, 0.3562** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.9585, 0.2382, 0.2975**, and the grayscale version is **22.5853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6487, 0.4215, 0.3539**, and **8.3634, 0.5057, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **19.2662, 0.4928, 0.3592**, and if you desaturate by 10%, it is **26.4042, 0.4167, 0.3517**.

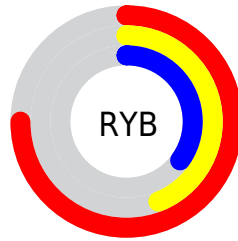
Distribution



Red (75%)

Green (42%)

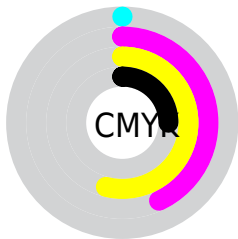
Blue (35%)



Red (75%)

Yellow (44%)

Blue (35%)

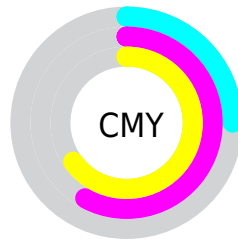


Cyan (0%)

Magenta (43%)

Yellow (54%)

Black (25%)



Cyan (25%)


Magenta (58%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5061, 0.4528, 0.3562 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 22.5061, 0.4528, 0.3562 by changing the saturation by 10% instead.


 22.5061, 0.4528,
0.3562


 22.5061, 0.4528,
0.3562


265.1780, 0.3740,
0.3451


 14.2292, 0.4753,
0.3573


 47.5811, 0.4220,
0.3532


 8.2803, 0.5057,
0.3572


 65.1480, 0.4111,
0.3517

 4.2748, 0.5481,
0.3537

 86.5803, 0.4021,
0.3503

 1.8284, 0.6416,
0.3584

 112.2625, 0.3947,
0.3491

 0.5048, 0.7203,
0.2797

 142.5790, 0.3883,
0.3479

 0.0000, 1.0000,
0.0000

177.9142, 0.3829,

 0.0000, 0.0000,

0.3469

0.0000

218.6523, 0.3781,
0.3459

■ 22.5061, 0.4528,
0.3562

■ 22.5061, 0.4528,
0.3562

■ 19.2662, 0.4928,
0.3592

■ 26.4042, 0.4167,
0.3517

■ 16.6444, 0.5343,
0.3597

■ 30.9910, 0.3854,
0.3465

■ 14.6012, 0.5731,
0.3570

■ 36.2989, 0.3590,
0.3411

■ 13.0910, 0.6043,
0.3509

■ 42.3576, 0.3371,
0.3359

■ 12.4057, 0.6190,
0.3467

■ 49.1949, 0.3190,
0.3309

■ 56.8372, 0.3039,
0.3262

■ 65.3096, 0.2915,
0.3220

■ 74.6362, 0.2811,
0.3182

■ 84.5206, 0.2749,
0.3198

Harmonies

Analogous

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



22.5061, 0.4169, 0.3038



22.5061, 0.4528, 0.3562



22.5061, 0.4447, 0.4087

Triad

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



22.5061, 0.4528, 0.3562



22.5061, 0.2672, 0.4178



22.5061, 0.2230, 0.2198

Complementary

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



22.5061, 0.4528, 0.3562



34.9585, 0.2382, 0.2975

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.



22.5061, 0.1933, 0.2342



22.5061, 0.4528, 0.3562



22.5061, 0.2154, 0.3444

Square

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



22.5061, 0.4528, 0.3562



22.5061, 0.3347, 0.4584



22.5061, 0.1903, 0.2763



22.5061, 0.2777, 0.2293

Rectangle

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



22.5061, 0.4528, 0.3562



22.5061, 0.4180, 0.4385



22.5061, 0.1903, 0.2763



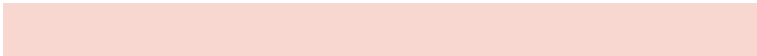
22.5061, 0.2101, 0.2217

Sweetspot

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



22.5073, 0.4528, 0.3562



73.2172, 0.3418, 0.3371



21.0384, 0.3417, 0.2217



15.5712, 0.3463, 0.3382



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.



22.5073, 0.4528, 0.3562



33.4298, 0.5016, 0.3595



36.3651, 0.4119, 0.4215



9.8284, 0.3284, 0.3335



8.2442, 0.6170, 0.3483



0.4142, 0.5723, 0.3838

Inverse Universe

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



34.9585, 0.2382, 0.2975



57.9152, 0.2263, 0.2891



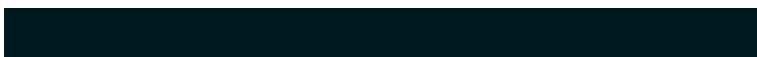
19.4175, 0.2207, 0.2120



10.4860, 0.2985, 0.3244



17.7514, 0.2073, 0.2663



0.7775, 0.2119, 0.2829

Previews

White Background



This preview shows how the Yxy color 22.5061, 0.4528, 0.3562 looks on a white background.

Color Contrast Check

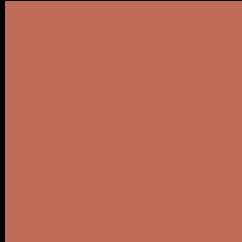
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5061, 0.4528, 0.3562 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 22.5061, 0.4528, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 22.5061, 0.4528, 0.3562.



This preview shows how white text looks on a background with the Yxy color 22.5061, 0.4528, 0.3562.

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

22.5061, 0.4528, 0.3562

Protanopia

22.6899, 0.3604, 0.3869

Deuteranopia

22.5922, 0.4019, 0.3936



Tritanopia

22.6105, 0.4239, 0.3198

Trichromacy



Original Color

22.5061, 0.4528, 0.3562

Protanomaly

22.3450, 0.3939, 0.3761

Deuteranomaly

22.4116, 0.4206, 0.3793

Tritanomaly

22.4938, 0.4349, 0.3334

Monochromacy



Original Color

22.5061, 0.4528, 0.3562

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.1760, 0.3600, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5061, 0.4528, 0.3562 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, 108, 88)` looks like.

```
.text, #text, p{  
    color:rgb(191, 108, 88)  
}
```

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, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 108, 88) }
```

Border

The CSS property to change the border of an element to Yxy 22.5061, 0.4528, 0.3562 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, 108, 88) }
```

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

```
.border{ border-color:rgb(191, 108, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 108, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(191, 108,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5061, 0.4528, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 108, 88) }
```

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

```
.background{ background-color: rgb(191,  
108, 88) }
```

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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