

Converting Colors

$Y_{xy}(22.9013, 0.4505, 0.3470)$

Have a look what the booklet for
Yxy(22.9013, 0.4505, 0.3470)
contains.

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Color

Yxy(22.9256, 0.4502, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	C36B5E
RGB	195, 107, 94
RGB Percent	76%, 42%, 37%
CMY	0.2353, 0.5804, 0.6313
CMYK	0.00, 0.45, 0.52, 0.24
HSL	8°, 46%, 57%
HSV	8°, 52%, 76%
XYZ	29.7867, 22.9256, 13.4510
YIQ	131.8300, 56.6210, 14.6130

Conversions

Conversions Part 2

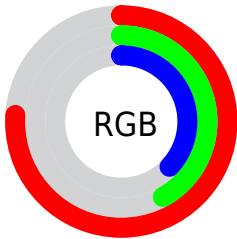
Format	Color
R_{YB}	195, 109, 94
Decimal	12807006
CIE _{Lab}	55.00, 33.61, 22.80
CIE _{LCh}	55, 40.611, 34.151
Yxy	22.9256, 0.4502, 0.3465
Android (android.graphics.Color)	4290997086 (0xFFC36B5E)
YUV	131.8300, -18.6502, 55.4001
Hunter-Lab	47.8807, 27.2543, 16.8603

Details

The Yxy color **22.9256, 0.4502, 0.3465** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **39.7945, 0.2425, 0.3093**, and the grayscale version is **23.0642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4152, 0.4207, 0.3461**, and **8.4580, 0.5015, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **19.4173, 0.4922, 0.3485**, and if you desaturate by 10%, it is **27.2212, 0.4129, 0.3435**.

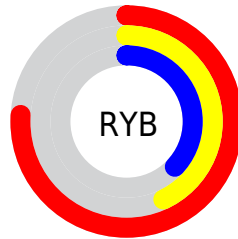
Distribution



Red (76%)

Green (42%)

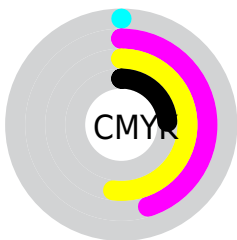
Blue (37%)



Red (76%)

Yellow (43%)

Blue (37%)

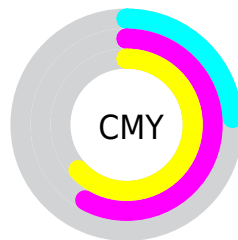


Cyan (0%)

Magenta (45%)

Yellow (52%)

Black (24%)



Cyan (24%)


Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9256, 0.4502, 0.3465 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 22.9256, 0.4502, 0.3465 by changing the saturation by 10% instead.


 22.9256, 0.4502,
0.3465


 22.9256, 0.4502,
0.3465


267.3426, 0.3729,
0.3404


 14.5386, 0.4724,
0.3464


 48.2711, 0.4200,
0.3453

 8.4962, 0.5024,
0.3449


 65.9984, 0.4093,
0.3445

 4.4141, 0.5449,
0.3400

 87.6080, 0.4005,
0.3437

 1.9078, 0.6263,
0.3361

 113.4841, 0.3931,
0.3430

 0.5530, 0.7244,
0.2756

144.0112, 0.3869,
0.3423

 0.0000, 1.0000,
0.0000


179.5738, 0.3816,


 0.0000, 0.0000,


0.3416


0.0000


220.5561, 0.3770,
0.3410

 22.9256, 0.4502,
0.3465


 22.9256, 0.4502,
0.3465


 19.4173, 0.4922,
0.3485

 27.2212, 0.4129,
0.3435


 16.6451, 0.5362,
0.3489

 32.3444, 0.3812,
0.3400


 14.5570, 0.5776,
0.3470

 38.3369, 0.3548,
0.3363

 13.0927, 0.6105,
0.3427

 45.2364, 0.3332,
0.3328

 12.3007, 0.6292,
0.3386

 53.0787, 0.3155,
0.3296

■ 61.8973, 0.3011,
0.3265

■ 71.7244, 0.2892,
0.3238

■ 82.5903, 0.2794,
0.3213

■ 90.3435, 0.2778,
0.3289

Harmonies

Analogous

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



22.9256, 0.4068, 0.2948



22.9256, 0.4502, 0.3465



22.9256, 0.4499, 0.3999

Triad

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



22.9256, 0.4502, 0.3465



22.9256, 0.2785, 0.4291



22.9256, 0.2152, 0.2200

Complementary

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



22.9256, 0.4502, 0.3465



39.7945, 0.2425, 0.3093

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.



22.9256, 0.1902, 0.2393



22.9256, 0.4502, 0.3465



22.9256, 0.2225, 0.3584

Square

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



22.9256, 0.4502, 0.3465



22.9256, 0.3474, 0.4610



22.9256, 0.1922, 0.2867



22.9256, 0.2660, 0.2256

Rectangle

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



22.9256, 0.4502, 0.3465



22.9256, 0.4271, 0.4316



22.9256, 0.1922, 0.2867



22.9256, 0.2039, 0.2235

Sweetspot

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



22.9268, 0.4502, 0.3465



75.2883, 0.3423, 0.3344



23.0422, 0.3321, 0.2181



15.9232, 0.3469, 0.3351



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



22.9268, 0.4502, 0.3465



34.1211, 0.4973, 0.3487



36.2900, 0.4124, 0.4103



10.2818, 0.3286, 0.3320



8.0637, 0.6276, 0.3399



0.4182, 0.5942, 0.3664

Inverse Universe

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



39.7945, 0.2425, 0.3093



67.4495, 0.2320, 0.3043



23.0250, 0.2266, 0.2286



11.2006, 0.2984, 0.3260



21.3223, 0.2134, 0.2884



0.9841, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 22.9256, 0.4502, 0.3465 looks on a white background.

Color Contrast Check

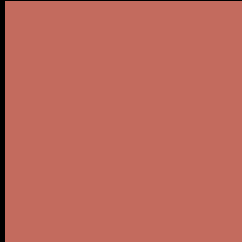
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9256, 0.4502, 0.3465 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 22.9256, 0.4502, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 22.9256, 0.4502, 0.3465.



This preview shows how white text looks on a background with the Yxy color 22.9256, 0.4502, 0.3465.

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

22.9256, 0.4502, 0.3465

Protanopia

23.0979, 0.3521, 0.3762

Deuteranopia

22.9290, 0.3954, 0.3873



Tritanopia

22.8062, 0.4282, 0.3187

Trichromacy



Original Color

22.9256, 0.4502, 0.3465

Protanomaly

22.5791, 0.3865, 0.3647

Deuteranomaly

22.6069, 0.4157, 0.3717

Tritanomaly

22.8588, 0.4375, 0.3294

Monochromacy



Original Color

22.9256, 0.4502, 0.3465

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.4425, 0.3588, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9256, 0.4502, 0.3465 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(195, 107, 94)` looks like.

```
.text, #text, p{  
  color:rgb(195, 107, 94)  
}
```

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(195, 107, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 107, 94) }
```

Border

The CSS property to change the border of an element to Yxy 22.9256, 0.4502, 0.3465 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(195, 107, 94) }
```

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

```
.border{ border-color:rgb(195, 107, 94) }
```

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

Here you see how a box with a 4 pixel rgb(195, 107, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 107, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 107, 94);  
box-shadow:4px 4px 4px 4px rgb(195, 107,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9256, 0.4502, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 107, 94) }
```

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

```
.background{ background-color: rgb(195,  
107, 94) }
```

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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