

Converting Colors

$Y_{xy}(27.6518, 0.4427, 0.3951)$

Have a look what the booklet for
Yxy(27.6518, 0.4427, 0.3951)
contains.

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Color

Yxy(27.6208, 0.4427, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	BF8250
RGB	191, 130, 80
RGB Percent	75%, 51%, 31%
CMY	0.2511, 0.4901, 0.6863
CMYK	0.00, 0.32, 0.58, 0.25
HSL	27°, 46%, 53%
HSV	27°, 58%, 75%
XYZ	30.9093, 27.6208, 11.2899
YIQ	142.5390, 52.4060, -2.6180

Conversions

Conversions Part 2

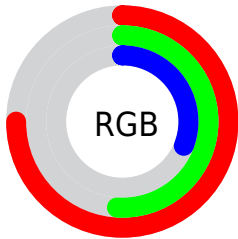
Format	Color
R_{YB}	191, 171, 80
Decimal	12550736
CIE _{Lab}	59.54, 18.21, 36.29
CIE _{LCh}	60, 40.605, 63.347
Yxy	27.6208, 0.4427, 0.3956
Android (android.graphics.Color)	4290740816 (0xFFBF8250)
YUV	142.5390, -30.8317, 42.5003
Hunter-Lab	52.5555, 13.0086, 24.0523

Details

The Yxy color **27.6208, 0.4427, 0.3956** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.4947, 0.2232, 0.2461**, and the grayscale version is **27.3847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8027, 0.4168, 0.3851**, and **10.9155, 0.4850, 0.4080** is the 20% darker color. If you saturate the color by 10%, you get **24.7292, 0.4723, 0.4031**, and if you desaturate by 10%, it is **30.8798, 0.4143, 0.3855**.

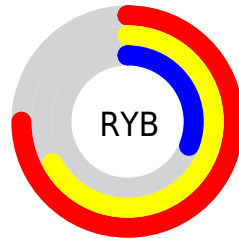
Distribution



Red (75%)

Green (51%)

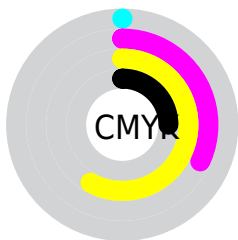
Blue (31%)



Red (75%)

Yellow (67%)

Blue (31%)

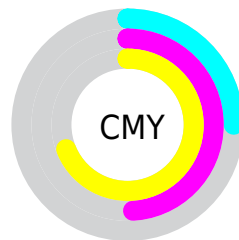


Cyan (0%)

Magenta (32%)

Yellow (58%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6208, 0.4427, 0.3956 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 27.6208, 0.4427, 0.3956 by changing the saturation by 10% instead.


 27.6208, 0.4427,
0.3956


 27.6208, 0.4427,
0.3956


290.6505, 0.3729,
0.3637


 18.0400, 0.4609,
0.4021


 55.8785, 0.4165,
0.3849


 10.9787, 0.4844,
0.4090


 75.3241, 0.4069,
0.3805


 6.0525, 0.5147,
0.4150


 98.8269, 0.3988,
0.3768

 2.8770, 0.5711,
0.4289

 126.7711, 0.3920,
0.3735

 1.0679, 0.6007,
0.3993

 159.5411, 0.3862,
0.3706

 0.0000, 1.0000,
0.0000

197.5215, 0.3812,

 0.0000, 0.0000,

0.3680

0.0000

241.0965, 0.3768,
0.3658

■ 27.6208, 0.4427,
0.3956

■ 27.6208, 0.4427,
0.3956

■ 24.7292, 0.4723,
0.4031

■ 30.8798, 0.4143,
0.3855

■ 22.1853, 0.5015,
0.4066

■ 34.5162, 0.3881,
0.3739

■ 19.9734, 0.5284,
0.4051

■ 38.5449, 0.3645,
0.3617

■ 18.0715, 0.5512,
0.3986

■ 42.9784, 0.3438,
0.3496

■ 17.7425, 0.5554,
0.3972

■ 47.8288, 0.3256,
0.3380

■ 53.1073, 0.3099,
0.3270

■ 58.8251, 0.2963,
0.3168

■ 64.9924, 0.2846,
0.3074

■ 71.6196, 0.2744,
0.2987

Harmonies

Analogous

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



27.6208, 0.4414, 0.3449



27.6208, 0.4427, 0.3956



27.6208, 0.4068, 0.4375

Triad

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



27.6208, 0.4427, 0.3956



27.6208, 0.2289, 0.3588



27.6208, 0.2672, 0.2304

Complementary

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



27.6208, 0.4427, 0.3956



24.4947, 0.2232, 0.2461

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.



27.6208, 0.2195, 0.2259



27.6208, 0.4427, 0.3956



27.6208, 0.1990, 0.2913

Square

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



27.6208, 0.4427, 0.3956



27.6208, 0.2826, 0.4238



27.6208, 0.1962, 0.2454



27.6208, 0.3331, 0.2553

Rectangle

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



27.6208, 0.4427, 0.3956



27.6208, 0.3690, 0.4520



27.6208, 0.1962, 0.2454



27.6208, 0.2488, 0.2265

Sweetspot

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



27.6222, 0.4427, 0.3956



77.7106, 0.3421, 0.3486



18.7316, 0.3878, 0.2492



16.6940, 0.3461, 0.3511



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.



27.6222, 0.4427, 0.3956



42.8785, 0.4812, 0.4046



46.5222, 0.3983, 0.4591



10.2256, 0.3277, 0.3394



11.8214, 0.5532, 0.3990



0.5938, 0.5132, 0.4307

Inverse Universe

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



24.4947, 0.2232, 0.2461



36.6840, 0.2066, 0.2234



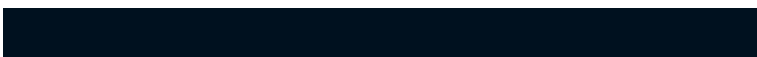
12.0476, 0.2030, 0.1529



10.0703, 0.2984, 0.3184



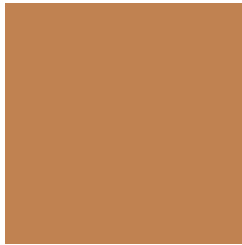
9.2594, 0.1823, 0.1763



0.4917, 0.1935, 0.2164

Previews

White Background



This preview shows how the Yxy color 27.6208, 0.4427, 0.3956 looks on a white background.

Color Contrast Check

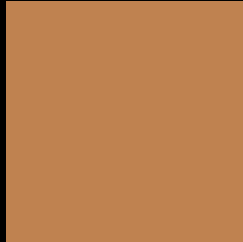
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6208, 0.4427, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

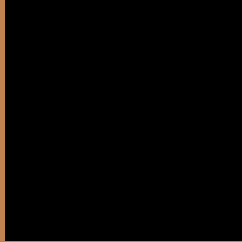
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6208, 0.4427, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 27.6208, 0.4427, 0.3956.



This preview shows how white text looks on a background with the Yxy color 27.6208, 0.4427, 0.3956.

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

27.6208, 0.4427, 0.3956

Protanopia

27.7705, 0.3872, 0.4214

Deuteranopia

27.6715, 0.4215, 0.4133



Tritanopia

27.7109, 0.3884, 0.3170

Trichromacy



Original Color

27.6208, 0.4427, 0.3956

Protanomaly

27.5248, 0.4069, 0.4124

Deuteranomaly

27.4385, 0.4289, 0.4059

Tritanomaly

27.6059, 0.4100, 0.3456

Monochromacy



Original Color

27.6208, 0.4427, 0.3956

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0066, 0.3571, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6208, 0.4427, 0.3956 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, 130, 80)` looks like.

```
.text, #text, p{  
    color:rgb(191, 130, 80)  
}
```

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, 130, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 130, 80) }
```

Border

The CSS property to change the border of an element to Yxy 27.6208, 0.4427, 0.3956 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, 130, 80) }
```

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

```
.border{ border-color:rgb(191, 130, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 130, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 130, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 130, 80);  
box-shadow:4px 4px 4px 4px rgb(191, 130,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6208, 0.4427, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 130, 80) }
```

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

```
.background{ background-color: rgb(191,  
130, 80) }
```

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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