

Converting Colors

$Y_{xy}(27.5252, 0.4333, 0.3819)$

Have a look what the booklet for
Yxy(27.5252, 0.4333, 0.3819)
contains.

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Color

Yxy(27.5151, 0.4329, 0.3820)

Conversions

Conversions Part 1

Format	Color
Hex	BF815A
RGB	191, 129, 90
RGB Percent	75%, 51%, 35%
CMY	0.2510, 0.4941, 0.6472
CMYK	0.00, 0.32, 0.53, 0.25
HSL	23°, 44%, 55%
HSV	23°, 53%, 75%
XYZ	31.1814, 27.5151, 13.3326
YIQ	143.0920, 49.4710, 1.0150

Conversions

Conversions Part 2

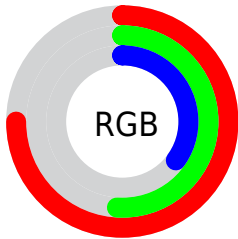
Format	Color
R_{YB}	191, 154, 90
Decimal	12550490
CIE _{Lab}	59.45, 19.64, 30.77
CIE _{LCh}	59, 36.500, 57.454
Yxy	27.5151, 0.4329, 0.3820
Android (android.graphics.Color)	4290740570 (0xFFBF815A)
YUV	143.0920, -26.1744, 42.0153
Hunter-Lab	52.4548, 14.3120, 21.6485

Details

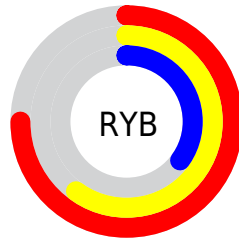
The Yxy color **27.5151, 0.4329, 0.3820** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.3793, 0.2328, 0.2660**, and the grayscale version is **27.5984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7030, 0.4080, 0.3728**, and **10.8347, 0.4735, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **24.3192, 0.4647, 0.3895**, and if you desaturate by 10%, it is **31.1515, 0.4035, 0.3726**.

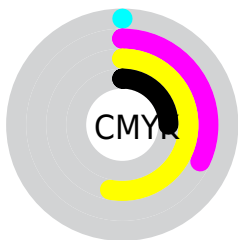
Distribution



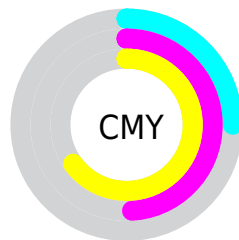
- Red (75%)
- Green (51%)
- Blue (35%)



- Red (75%)
- Yellow (60%)
- Blue (35%)



- Cyan (0%)
- Magenta (32%)
- Yellow (53%)
- Black (25%)





- Cyan (25%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5151, 0.4329, 0.3820 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 27.5151, 0.4329, 0.3820 by changing the saturation by 10% instead.


 27.5151, 0.4329,
0.3820


 27.5151, 0.4329,
0.3820


290.1426, 0.3677,
0.3566


 17.9605, 0.4505,
0.3873


 55.7093, 0.4081,
0.3734

 10.9216, 0.4735,
0.3931


 75.1177, 0.3992,
0.3699

 6.0141, 0.5044,
0.3984


 98.5795, 0.3917,
0.3669

 2.8537, 0.5613,
0.4109

 126.4790, 0.3854,
0.3643

 1.0558, 0.6090,
0.3910

 159.2007, 0.3800,
0.3620

 0.0000, 1.0000,
0.0000

197.1289, 0.3753,

 0.0000, 0.0000,

0.3600

0.0000

240.6481, 0.3713,
0.3582

■ 27.5151, 0.4329,
0.3820

■ 27.5151, 0.4329,
0.3820

■ 24.3192, 0.4647,
0.3895

■ 31.1515, 0.4035,
0.3726

■ 21.5412, 0.4975,
0.3938

■ 35.2415, 0.3772,
0.3623

■ 19.1625, 0.5290,
0.3938

■ 39.8026, 0.3542,
0.3517

■ 17.1607, 0.5567,
0.3885

■ 44.8502, 0.3343,
0.3414

■ 15.9478, 0.5739,
0.3826

■ 50.3987, 0.3172,
0.3317

■ 56.4622, 0.3026,
0.3226

■ 63.0538, 0.2901,
0.3143

■ 70.1865, 0.2794,
0.3066

■ 77.4221, 0.2737,
0.3067

Harmonies

Analogous

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



27.5151, 0.4237, 0.3353



27.5151, 0.4329, 0.3820



27.5151, 0.4070, 0.4218

Triad

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



27.5151, 0.4329, 0.3820



27.5151, 0.2451, 0.3685



27.5151, 0.2616, 0.2366

Complementary

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



27.5151, 0.4329, 0.3820



28.3793, 0.2328, 0.2660

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.



27.5151, 0.2218, 0.2369



27.5151, 0.4329, 0.3820



27.5151, 0.2127, 0.3065

Square

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



27.5151, 0.4329, 0.3820



27.5151, 0.2974, 0.4216



27.5151, 0.2050, 0.2599



27.5151, 0.3191, 0.2560

Rectangle

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



27.5151, 0.4329, 0.3820



27.5151, 0.3753, 0.4376



27.5151, 0.2050, 0.2599



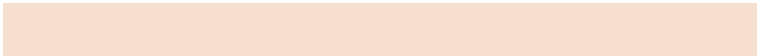
27.5151, 0.2460, 0.2343

Sweetspot

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



27.5165, 0.4329, 0.3820



77.1910, 0.3406, 0.3448



20.6596, 0.3684, 0.2469



16.5344, 0.3447, 0.3470



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.



27.5165, 0.4329, 0.3820



42.9706, 0.4683, 0.3902



44.1419, 0.3960, 0.4426



10.1246, 0.3279, 0.3379



10.6259, 0.5714, 0.3845



0.5438, 0.5269, 0.4199

Inverse Universe

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



28.3793, 0.2328, 0.2660



44.5882, 0.2186, 0.2499



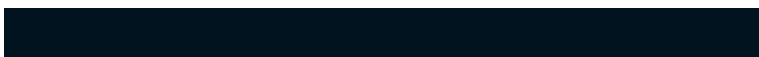
15.3883, 0.2157, 0.1810



10.1735, 0.2984, 0.3199



11.0241, 0.1886, 0.1988



0.5551, 0.1982, 0.2335

Previews

White Background



This preview shows how the Yxy color 27.5151, 0.4329, 0.3820 looks on a white background.

Color Contrast Check

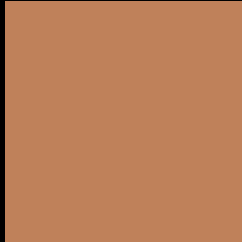
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5151, 0.4329, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

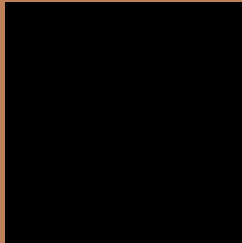
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5151, 0.4329, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 27.5151, 0.4329, 0.3820.



This preview shows how white text looks on a background with the Yxy color 27.5151, 0.4329, 0.3820.

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

27.5151, 0.4329, 0.3820

Protanopia

27.5574, 0.3758, 0.4039

Deuteranopia

27.5946, 0.4092, 0.4009



Tritanopia

27.5781, 0.3872, 0.3170

Trichromacy



Original Color

27.5151, 0.4329, 0.3820

Protanomaly

27.4201, 0.3963, 0.3955

Deuteranomaly

27.4748, 0.4174, 0.3934

Tritanomaly

27.5435, 0.4051, 0.3416

Monochromacy



Original Color

27.5151, 0.4329, 0.3820

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1058, 0.3527, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5151, 0.4329, 0.3820 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, 129, 90)` looks like.

```
.text, #text, p{  
    color:rgb(191, 129, 90)  
}
```

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, 129, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 129, 90) }
```

Border

The CSS property to change the border of an element to Yxy 27.5151, 0.4329, 0.3820 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, 129, 90) }
```

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

```
.border{ border-color:rgb(191, 129, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 129, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 129, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 129, 90);  
box-shadow:4px 4px 4px 4px rgb(191, 129,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5151, 0.4329, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 129, 90) }
```

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

```
.background{ background-color: rgb(191,  
129, 90) }
```

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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