

Converting Colors

$Y_{xy}(27.5652, 0.4299, 0.4084)$

Have a look what the booklet for
Yxy(27.5652, 0.4299, 0.4084)
contains.

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Color

Yxy(27.7018, 0.4290, 0.4085)

Conversions

Conversions Part 1

Format	Color
Hex	B5874E
RGB	181, 135, 78
RGB Percent	71%, 53%, 31%
CMY	0.2903, 0.4705, 0.6941
CMYK	0.00, 0.25, 0.57, 0.29
HSL	33°, 41%, 51%
HSV	33°, 57%, 71%
XYZ	29.0920, 27.7018, 11.0197
YIQ	142.2560, 45.7130, -7.9750

Conversions

Conversions Part 2

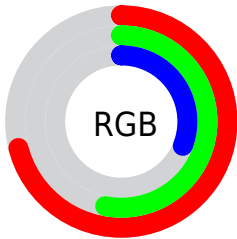
Format	Color
R_{YB}	161, 181, 78
Decimal	11896654
CIE _{Lab}	59.62, 11.02, 37.17
CIE _{LCh}	60, 38.772, 73.486
Yxy	27.7018, 0.4290, 0.4085
Android (android.graphics.Color)	4290086734 (0xFFB5874E)
YUV	142.2560, -31.6782, 33.9785
Hunter-Lab	52.6325, 6.5568, 24.4292

Details

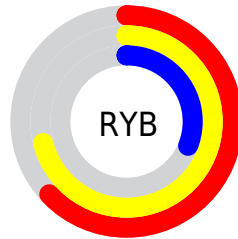
The Yxy color **27.7018, 0.4290, 0.4085** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.3607, 0.2211, 0.2291**, and the grayscale version is **27.2715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8757, 0.4061, 0.3948**, and **10.9507, 0.4664, 0.4277** is the 20% darker color. If you saturate the color by 10%, you get **25.3087, 0.4540, 0.4186**, and if you desaturate by 10%, it is **30.3401, 0.4045, 0.3958**.

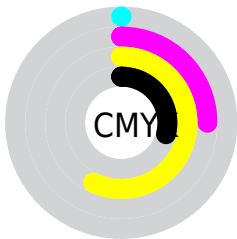
Distribution



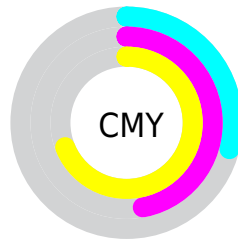
- Red (71%)
- Green (53%)
- Blue (31%)



- Red (63%)
- Yellow (71%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (29%)





- Cyan (29%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7018, 0.4290, 0.4085 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 27.7018, 0.4290, 0.4085 by changing the saturation by 10% instead.


 27.7018, 0.4290,
0.4085


 27.7018, 0.4290,
0.4085


291.0392, 0.3670,
0.3688


 18.1010, 0.4450,
0.4174


 56.0080, 0.4059,
0.3945

 11.0225, 0.4653,
0.4278

 75.4822, 0.3973,
0.3891


 6.0820, 0.4912,
0.4388

 99.0163, 0.3902,
0.3844

 2.8950, 0.5392,
0.4608

 126.9947, 0.3841,
0.3804

 1.0772, 0.5584,
0.4416

 159.8018, 0.3789,
0.3769

 0.0000, 1.0000,
0.0000

197.8220, 0.3744,

 0.0000, 0.0000,

0.3739

0.0000

241.4397, 0.3705,
0.3712

■ 27.7018, 0.4290,
0.4085

■ 27.7018, 0.4290,
0.4085

■ 25.3087, 0.4540,
0.4186

■ 30.3401, 0.4045,
0.3958

■ 23.1469, 0.4783,
0.4250

■ 33.2286, 0.3813,
0.3817

■ 21.2069, 0.5004,
0.4266

■ 36.3769, 0.3599,
0.3670

■ 19.4749, 0.5192,
0.4230

■ 39.7930, 0.3406,
0.3524

■ 18.9746, 0.5248,
0.4215

■ 43.4843, 0.3234,
0.3383

■ 47.4578, 0.3082,
0.3250

■ 51.7204, 0.2948,
0.3126

■ 56.2787, 0.2831,
0.3011

■ 61.1388, 0.2728,
0.2905

Harmonies

Analogous

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



27.7018, 0.4405, 0.3615



27.7018, 0.4290, 0.4085



27.7018, 0.3857, 0.4416

Triad

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



27.7018, 0.4290, 0.4085



27.7018, 0.2199, 0.3346



27.7018, 0.2893, 0.2404

Complementary

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



27.7018, 0.4290, 0.4085



19.3607, 0.2211, 0.2291

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.



27.7018, 0.2364, 0.2291



27.7018, 0.4290, 0.4085



27.7018, 0.1998, 0.2756

Square

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



27.7018, 0.4290, 0.4085



27.7018, 0.2648, 0.4006



27.7018, 0.2057, 0.2399



27.7018, 0.3549, 0.2700

Rectangle

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



27.7018, 0.4290, 0.4085



27.7018, 0.3464, 0.4468



27.7018, 0.2057, 0.2399



27.7018, 0.2696, 0.2344

Sweetspot

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



27.7032, 0.4290, 0.4085



71.0435, 0.3413, 0.3529



16.7332, 0.4022, 0.2646



15.0877, 0.3450, 0.3558



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.7032, 0.4290, 0.4085



44.4378, 0.4595, 0.4204



42.8013, 0.3881, 0.4645



9.2593, 0.3274, 0.3416



13.2235, 0.5232, 0.4228



0.5303, 0.4870, 0.4515

Inverse Universe

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



19.3607, 0.2211, 0.2291



28.1173, 0.2033, 0.2030



10.6287, 0.2084, 0.1513



8.8338, 0.2985, 0.3161



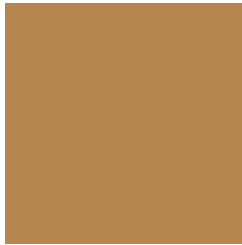
6.4695, 0.1730, 0.1429



0.3206, 0.1883, 0.1979

Previews

White Background



This preview shows how the Yxy color 27.7018, 0.4290, 0.4085 looks on a white background.

Color Contrast Check

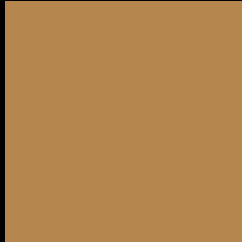
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7018, 0.4290, 0.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

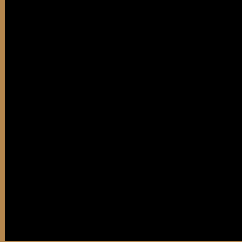
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7018, 0.4290, 0.4085

Background



This preview shows how black text looks on a background with the Yxy color 27.7018, 0.4290, 0.4085.



This preview shows how white text looks on a background with the Yxy color 27.7018, 0.4290, 0.4085.

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

27.7018, 0.4290, 0.4085

Protanopia

27.8097, 0.3922, 0.4267

Deuteranopia

27.6715, 0.4215, 0.4133



Tritanopia

27.7124, 0.3702, 0.3151

Trichromacy



Original Color

27.7018, 0.4290, 0.4085

Protanomaly

27.7359, 0.4047, 0.4204

Deuteranomaly

27.6234, 0.4247, 0.4111

Tritanomaly

27.6839, 0.3931, 0.3506

Monochromacy



Original Color

27.7018, 0.4290, 0.4085

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.8651, 0.3532, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7018, 0.4290, 0.4085 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(181, 135, 78)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 78)  
}
```

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(181, 135, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 78) }
```

Border

The CSS property to change the border of an element to Yxy 27.7018, 0.4290, 0.4085 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(181, 135, 78) }
```

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

```
.border{ border-color:rgb(181, 135, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 135, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 78);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7018, 0.4290, 0.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 135, 78) }
```

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

```
.background{ background-color: rgb(181,  
135, 78) }
```

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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