

Converting Colors

$Y_{xy}(25.7829, 0.4111, 0.3698)$

Have a look what the booklet for
Yxy(25.7829, 0.4111, 0.3698)
contains.

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Color

Yxy(25.7829, 0.4111, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	B47F63
RGB	180, 127, 99
RGB Percent	71%, 50%, 39%
CMY	0.2942, 0.5019, 0.6117
CMYK	0.00, 0.29, 0.45, 0.29
HSL	21°, 35%, 55%
HSV	21°, 45%, 71%
XYZ	28.6624, 25.7829, 15.2759
YIQ	139.6550, 40.5760, 2.5280

Conversions

Conversions Part 2

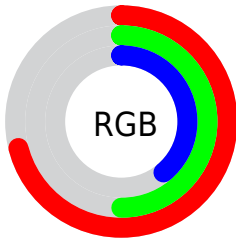
Format	Color
R_{YB}	180, 142, 99
Decimal	11829091
CIE _{Lab}	57.83, 17.06, 23.37
CIE _{LCh}	58, 28.936, 53.870
Yxy	25.7829, 0.4111, 0.3698
Android (android.graphics.Color)	4290019171 (0xFFB47F63)
YUV	139.6550, -20.0429, 35.3826
Hunter-Lab	50.7769, 11.8997, 17.7068

Details

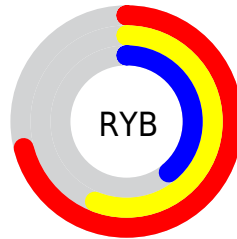
The Yxy color **25.7829, 0.4111, 0.3698** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.4052, 0.2452, 0.2830**, and the grayscale version is **26.1532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0217, 0.3905, 0.3627**, and **10.0567, 0.4466, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **22.6106, 0.4423, 0.3779**, and if you desaturate by 10%, it is **29.3900, 0.3833, 0.3607**.

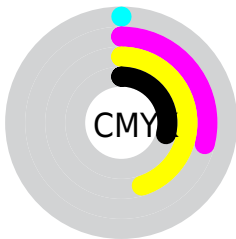
Distribution



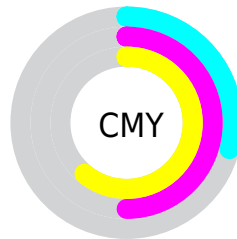
- Red (71%)
- Green (50%)
- Blue (39%)



- Red (71%)
- Yellow (56%)
- Blue (39%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7829, 0.4111, 0.3698 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 25.7829, 0.4111, 0.3698 by changing the saturation by 10% instead.


 25.7829, 0.4111,
0.3698


 25.7829, 0.4111,
0.3698


281.7147, 0.3568,
0.3495


 16.6613, 0.4263,
0.3745


 52.9245, 0.3901,
0.3626


 9.9933, 0.4468,
0.3799


 71.7133, 0.3826,
0.3598

 5.3945, 0.4755,
0.3860


 94.4933, 0.3765,
0.3575

 2.4805, 0.5231,
0.3949

 121.6488, 0.3713,
0.3554

 0.8669, 0.6012,
0.3988

153.5643, 0.3668,
0.3536

 0.0000, 1.0000,
0.0000

190.6242, 0.3630,

 0.0000, 0.0000,

0.3521

0.0000

233.2129, 0.3597,
0.3507

■ 25.7829, 0.4111,
0.3698

■ 25.7829, 0.4111,
0.3698

■ 22.6106, 0.4423,
0.3779

■ 29.3900, 0.3833,
0.3607

■ 19.8521, 0.4760,
0.3839

■ 33.4446, 0.3591,
0.3512

■ 17.4900, 0.5106,
0.3867

■ 37.9631, 0.3383,
0.3420

■ 15.5038, 0.5434,
0.3851

■ 42.9603, 0.3205,
0.3332

■ 13.8707, 0.5715,
0.3785

■ 48.4501, 0.3055,
0.3250

■ 13.1703, 0.5842,
0.3743

■ 54.4459, 0.2926,
0.3174

■ 60.9604, 0.2817,
0.3104

■ 68.0060, 0.2724,
0.3041

■ 75.2015, 0.2674,
0.3046

Harmonies

Analogous

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



25.7829, 0.3995, 0.3308



25.7829, 0.4111, 0.3698



25.7829, 0.3940, 0.4027

Triad

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



25.7829, 0.4111, 0.3698



25.7829, 0.2623, 0.3667



25.7829, 0.2663, 0.2514

Complementary

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



25.7829, 0.4111, 0.3698



28.4052, 0.2452, 0.2830

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.



25.7829, 0.2349, 0.2545



25.7829, 0.4111, 0.3698



25.7829, 0.2325, 0.3174

Square

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



25.7829, 0.4111, 0.3698



25.7829, 0.3070, 0.4060



25.7829, 0.2231, 0.2769



25.7829, 0.3124, 0.2657

Rectangle

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



25.7829, 0.4111, 0.3698



25.7829, 0.3699, 0.4158



25.7829, 0.2231, 0.2769



25.7829, 0.2538, 0.2503

Sweetspot

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



25.7842, 0.4111, 0.3698



70.3785, 0.3349, 0.3404



20.9296, 0.3515, 0.2534



14.8018, 0.3391, 0.3424



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.



25.7842, 0.4111, 0.3698



41.0363, 0.4421, 0.3779



38.0547, 0.3859, 0.4220



8.9697, 0.3279, 0.3369



9.3082, 0.5820, 0.3761



0.4044, 0.5277, 0.4192

Inverse Universe

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



28.4052, 0.2452, 0.2830



46.3366, 0.2319, 0.2707



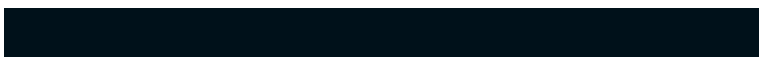
17.6515, 0.2333, 0.2141



9.1271, 0.2986, 0.3209



11.4360, 0.1927, 0.2135



0.4636, 0.2027, 0.2495

Previews

White Background



This preview shows how the Yxy color 25.7829, 0.4111, 0.3698 looks on a white background.

Color Contrast Check

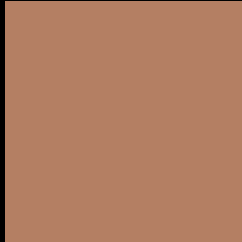
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7829, 0.4111, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

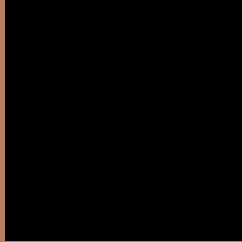
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7829, 0.4111, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 25.7829, 0.4111, 0.3698.



This preview shows how white text looks on a background with the Yxy color 25.7829, 0.4111, 0.3698.

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

25.7829, 0.4111, 0.3698

Protanopia

25.8543, 0.3612, 0.3871

Deuteranopia

25.7639, 0.3915, 0.3833



Tritanopia

25.8991, 0.3759, 0.3163

Trichromacy



Original Color

25.7829, 0.4111, 0.3698

Protanomaly

25.7608, 0.3786, 0.3816

Deuteranomaly

25.7724, 0.3988, 0.3791

Tritanomaly

25.7165, 0.3894, 0.3350

Monochromacy



Original Color

25.7829, 0.4111, 0.3698

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7772, 0.3466, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7829, 0.4111, 0.3698 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(180, 127, 99)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 99)  
}
```

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(180, 127, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 99) }
```

Border

The CSS property to change the border of an element to Yxy 25.7829, 0.4111, 0.3698 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(180, 127, 99) }
```

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

```
.border{ border-color:rgb(180, 127, 99) }
```

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

Here you see how a box with a 4 pixel rgb(180, 127, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 99);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7829, 0.4111, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 99) }
```

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

```
.background{ background-color: rgb(180,  
127, 99) }
```

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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