

Converting Colors

$Y_{xy}(25.4992, 0.4288, 0.4035)$

Have a look what the booklet for
Yxy(25.4992, 0.4288, 0.4035)
contains.

Yxy(25.4664, 0.4296, 0.4038)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.4664, 0.4296, 0.4038)$

Conversions

Conversions Part 1

Format	Color
Hex	B0814D
RGB	176, 129, 77
RGB Percent	69%, 51%, 30%
CMY	0.3098, 0.4941, 0.6981
CMYK	0.00, 0.27, 0.56, 0.31
HSL	32°, 39%, 50%
HSV	32°, 56%, 69%
XYZ	27.0935, 25.4664, 10.5069
YIQ	137.1250, 44.7040, -6.2080

Conversions

Conversions Part 2

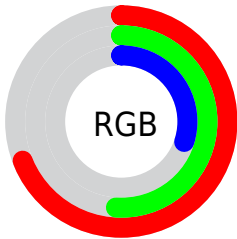
Format	Color
R_{YB}	166, 176, 77
Decimal	11567437
CIE _{Lab}	57.53, 12.14, 35.04
CIE _{LCh}	58, 37.078, 70.894
Yxy	25.4664, 0.4296, 0.4038
Android (android.graphics.Color)	4289757517 (0xFFB0814D)
YUV	137.1250, -29.6416, 34.0934
Hunter-Lab	50.4642, 7.5216, 22.9805

Details

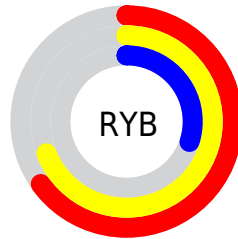
The Yxy color **25.4664, 0.4296, 0.4038** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.1228, 0.2234, 0.2360**, and the grayscale version is **25.1679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4806, 0.4057, 0.3907**, and **9.8241, 0.4671, 0.4230** is the 20% darker color. If you saturate the color by 10%, you get **23.1402, 0.4557, 0.4136**, and if you desaturate by 10%, it is **28.0423, 0.4043, 0.3916**.

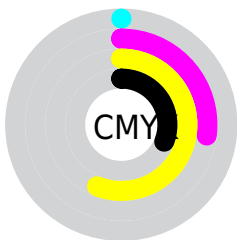
Distribution



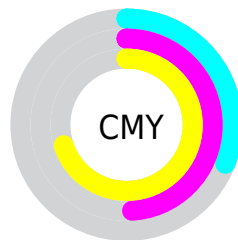
- Red (69%)
- Green (51%)
- Blue (30%)



- Red (65%)
- Yellow (69%)
- Blue (30%)



- Cyan (0%)
- Magenta (27%)
- Yellow (56%)
- Black (31%)




- Cyan (31%)
- Magenta (49%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4664, 0.4296, 0.4038 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 25.4664, 0.4296, 0.4038 by changing the saturation by 10% instead.


 25.4664, 0.4296,
0.4038


 25.4664, 0.4296,
0.4038


280.1527, 0.3662,
0.3661


 16.4249, 0.4464,
0.4124


 52.4129, 0.4057,
0.3905


 9.8253, 0.4680,
0.4222


 71.0866, 0.3969,
0.3853

 5.2833, 0.4963,
0.4326

 93.7398, 0.3896,
0.3809

 2.4144, 0.5476,
0.4524

 120.7570, 0.3835,
0.3771

 0.8333, 0.5719,
0.4281

 152.5225, 0.3782,
0.3738

 0.0000, 1.0000,
0.0000

189.4207, 0.3737,

 0.0000, 0.0000,

0.3709

0.0000

231.8360, 0.3697,
0.3683

■ 25.4664, 0.4296,
0.4038

■ 25.4664, 0.4296,
0.4038

■ 23.1402, 0.4557,
0.4136

■ 28.0423, 0.4043,
0.3916

■ 21.0500, 0.4814,
0.4197

■ 30.8732, 0.3806,
0.3781

■ 19.1864, 0.5051,
0.4211

■ 33.9689, 0.3589,
0.3641

■ 17.5359, 0.5255,
0.4172

■ 37.3373, 0.3396,
0.3503

■ 16.9647, 0.5328,
0.4152

■ 40.9861, 0.3224,
0.3370

■ 44.9223, 0.3073,
0.3244

■ 49.1531, 0.2941,
0.3127

■ 53.6851, 0.2825,
0.3019

■ 58.5246, 0.2724,
0.2920

Harmonies

Analogous

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



25.4664, 0.4375, 0.3570



25.4664, 0.4296, 0.4038



25.4664, 0.3893, 0.4380

Triad

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



25.4664, 0.4296, 0.4038



25.4664, 0.2243, 0.3403



25.4664, 0.2845, 0.2399

Complementary

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



25.4664, 0.4296, 0.4038



19.1228, 0.2234, 0.2360

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.



25.4664, 0.2340, 0.2306



25.4664, 0.4296, 0.4038



25.4664, 0.2021, 0.2808

Square

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



25.4664, 0.4296, 0.4038



25.4664, 0.2703, 0.4042



25.4664, 0.2057, 0.2433



25.4664, 0.3486, 0.2678

Rectangle

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



25.4664, 0.4296, 0.4038



25.4664, 0.3513, 0.4451



25.4664, 0.2057, 0.2433



25.4664, 0.2655, 0.2345

Sweetspot

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



25.4676, 0.4296, 0.4038



67.0591, 0.3415, 0.3517



16.0131, 0.3948, 0.2607



14.2691, 0.3451, 0.3544



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.4676, 0.4296, 0.4038



40.8133, 0.4634, 0.4158



40.6236, 0.3906, 0.4613



9.2194, 0.3274, 0.3410



12.5657, 0.5313, 0.4164



0.5112, 0.4922, 0.4474

Inverse Universe

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



19.1228, 0.2234, 0.2360



28.1453, 0.2051, 0.2098



10.0881, 0.2071, 0.1527



8.8732, 0.2985, 0.3167



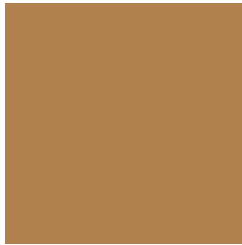
7.0149, 0.1755, 0.1519



0.3378, 0.1903, 0.2049

Previews

White Background



This preview shows how the Yxy color 25.4664, 0.4296, 0.4038 looks on a white background.

Color Contrast Check

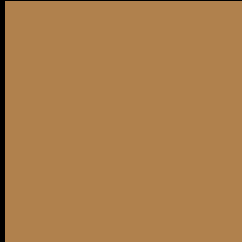
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4664, 0.4296, 0.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

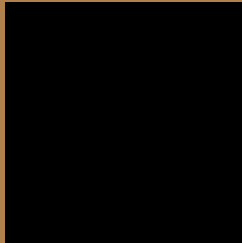
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4664, 0.4296, 0.4038

Background



This preview shows how black text looks on a background with the Yxy color 25.4664, 0.4296, 0.4038.



This preview shows how white text looks on a background with the Yxy color 25.4664, 0.4296, 0.4038.

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

25.4664, 0.4296, 0.4038

Protanopia

25.7198, 0.3896, 0.4240

Deuteranopia

25.4593, 0.4196, 0.4122



Tritanopia

25.2883, 0.3726, 0.3147

Trichromacy



Original Color

25.4664, 0.4296, 0.4038

Protanomaly

25.4695, 0.4045, 0.4158

Deuteranomaly

25.5251, 0.4241, 0.4095

Tritanomaly

25.4208, 0.3953, 0.3483

Monochromacy



Original Color

25.4664, 0.4296, 0.4038

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8673, 0.3534, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4664, 0.4296, 0.4038 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(176, 129, 77)` looks like.

```
.text, #text, p{  
    color:rgb(176, 129, 77)  
}
```

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(176, 129, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 129, 77) }
```

Border

The CSS property to change the border of an element to Yxy 25.4664, 0.4296, 0.4038 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(176, 129, 77) }
```

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

```
.border{ border-color:rgb(176, 129, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 129, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 129, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 129, 77);  
box-shadow:4px 4px 4px 4px rgb(176, 129,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4664, 0.4296, 0.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 129, 77) }
```

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

```
.background{ background-color: rgb(176,  
129, 77) }
```

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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