

Converting Colors

$Y_{xy}(27.2331, 0.4354, 0.4048)$

Have a look what the booklet for
Yxy(27.2331, 0.4354, 0.4048)
contains.

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Color

Yxy(27.2287, 0.4361, 0.4045)

Conversions

Conversions Part 1

Format	Color
Hex	B8844D
RGB	184, 132, 77
RGB Percent	72%, 52%, 30%
CMY	0.2785, 0.4823, 0.6980
CMYK	0.00, 0.28, 0.58, 0.28
HSL	31°, 43%, 51%
HSV	31°, 58%, 72%
XYZ	29.3558, 27.2287, 10.7299
YIQ	141.2780, 48.6470, -6.0810

Conversions

Conversions Part 2

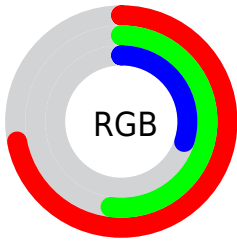
Format	Color
R_{YB}	178, 184, 77
Decimal	12092493
CIE _{Lab}	59.19, 13.90, 37.25
CIE _{LCh}	59, 39.761, 69.533
Yxy	27.2287, 0.4361, 0.4045
Android (android.graphics.Color)	4290282573 (0xFFB8844D)
YUV	141.2780, -31.6891, 37.4672
Hunter-Lab	52.1811, 9.1028, 24.3351

Details

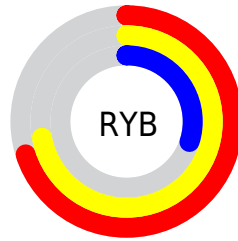
The Yxy color **27.2287, 0.4361, 0.4045** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.7333, 0.2207, 0.2340**, and the grayscale version is **26.8641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2849, 0.4120, 0.3918**, and **10.8694, 0.4744, 0.4216** is the 20% darker color. If you saturate the color by 10%, you get **24.6842, 0.4628, 0.4134**, and if you desaturate by 10%, it is **30.0571, 0.4100, 0.3929**.

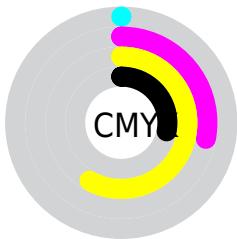
Distribution



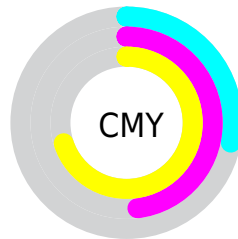
- Red (72%)
- Green (52%)
- Blue (30%)



- Red (70%)
- Yellow (72%)
- Blue (30%)



- Cyan (0%)
- Magenta (28%)
- Yellow (58%)
- Black (28%)





- Cyan (28%)
- Magenta (48%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2287, 0.4361, 0.4045 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 27.2287, 0.4361, 0.4045 by changing the saturation by 10% instead.


 27.2287, 0.4361,
0.4045

 27.2287, 0.4361,
0.4045


288.7627, 0.3700,
0.3673


 17.7451, 0.4532,
0.4125


 55.2506, 0.4114,
0.3916


 10.7671, 0.4751,
0.4215


 74.5577, 0.4023,
0.3866

 5.9105, 0.5031,
0.4304

 97.9081, 0.3946,
0.3822

 2.7907, 0.5529,
0.4471

 125.6861, 0.3882,
0.3784

 1.0235, 0.5771,
0.4229

 158.2762, 0.3827,
0.3751

 0.0000, 1.0000,
0.0000

196.0627, 0.3779,

 0.0000, 0.0000,

0.3722

0.0000

239.4301, 0.3737,
0.3696

■ 27.2287, 0.4361,
0.4045

■ 27.2287, 0.4361,
0.4045

■ 24.6842, 0.4628,
0.4134

■ 30.0571, 0.4100,
0.3929

■ 22.4080, 0.4888,
0.4184

■ 33.1761, 0.3856,
0.3798

■ 20.3887, 0.5125,
0.4184

■ 36.5970, 0.3633,
0.3661

■ 18.6087, 0.5328,
0.4133

■ 40.3289, 0.3432,
0.3524

■ 18.3012, 0.5365,
0.4122

■ 44.3809, 0.3255,
0.3392

■ 48.7613, 0.3100,
0.3268

■ 53.4781, 0.2964,
0.3151

■ 58.5393, 0.2845,
0.3044

■ 63.9522, 0.2742,
0.2945

Harmonies

Analogous

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



27.2287, 0.4430, 0.3554



27.2287, 0.4361, 0.4045



27.2287, 0.3949, 0.4419

Triad

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



27.2287, 0.4361, 0.4045



27.2287, 0.2219, 0.3438



27.2287, 0.2802, 0.2353

Complementary

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



27.2287, 0.4361, 0.4045



20.7333, 0.2207, 0.2340

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.



27.2287, 0.2286, 0.2265



27.2287, 0.4361, 0.4045



27.2287, 0.1979, 0.2805

Square

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



27.2287, 0.4361, 0.4045



27.2287, 0.2708, 0.4109



27.2287, 0.2005, 0.2406



27.2287, 0.3471, 0.2635

Rectangle

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



27.2287, 0.4361, 0.4045



27.2287, 0.3555, 0.4510



27.2287, 0.2005, 0.2406



27.2287, 0.2607, 0.2300

Sweetspot

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



27.2300, 0.4361, 0.4045



73.7294, 0.3416, 0.3513



17.1220, 0.3964, 0.2563



15.5930, 0.3454, 0.3540



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



27.2300, 0.4361, 0.4045



43.4552, 0.4708, 0.4154



45.0003, 0.3945, 0.4642



9.7553, 0.3275, 0.3408



12.7572, 0.5347, 0.4136



0.5731, 0.4974, 0.4433

Inverse Universe

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



20.7333, 0.2207, 0.2340



30.5707, 0.2029, 0.2081



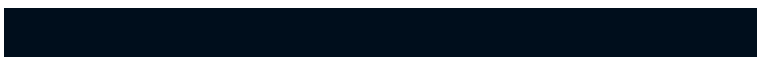
10.3463, 0.2015, 0.1451



9.4203, 0.2985, 0.3169



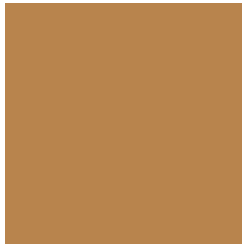
7.4952, 0.1765, 0.1553



0.3882, 0.1899, 0.2035

Previews

White Background



This preview shows how the Yxy color 27.2287, 0.4361, 0.4045 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 27.2287, 0.4361, 0.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

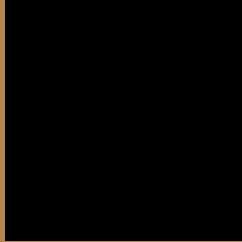
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2287, 0.4361, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 27.2287, 0.4361, 0.4045.



This preview shows how white text looks on a background with the Yxy color 27.2287, 0.4361, 0.4045.

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

27.2287, 0.4361, 0.4045

Protanopia

27.4071, 0.3917, 0.4258

Deuteranopia

27.2441, 0.4232, 0.4149



Tritanopia

27.1079, 0.3773, 0.3152

Trichromacy



Original Color

27.2287, 0.4361, 0.4045

Protanomaly

27.2599, 0.4075, 0.4173

Deuteranomaly

27.3147, 0.4275, 0.4122

Tritanomaly

27.2180, 0.4007, 0.3490

Monochromacy



Original Color

27.2287, 0.4361, 0.4045

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.6531, 0.3558, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2287, 0.4361, 0.4045 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(184, 132, 77)` looks like.

```
.text, #text, p{  
    color:rgb(184, 132, 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(184, 132, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 132, 77) }
```

Border

The CSS property to change the border of an element to Yxy 27.2287, 0.4361, 0.4045 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(184, 132, 77) }
```

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

```
.border{ border-color:rgb(184, 132, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 132, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 132, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 132, 77);  
box-shadow:4px 4px 4px 4px rgb(184, 132,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2287, 0.4361, 0.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 132, 77) }
```

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

```
.background{ background-color: rgb(184,  
132, 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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