

Converting Colors

$Y_{xy}(28.7339, 0.4278, 0.4065)$

Have a look what the booklet for
Yxy(28.7339, 0.4278, 0.4065)
contains.

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Color

Yxy(28.6757, 0.4277, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	B88951
RGB	184, 137, 81
RGB Percent	72%, 54%, 32%
CMY	0.2785, 0.4627, 0.6824
CMYK	0.00, 0.26, 0.56, 0.28
HSL	33°, 42%, 52%
HSV	33°, 56%, 72%
XYZ	30.1935, 28.6757, 11.7258
YIQ	144.6690, 45.9880, -7.4520

Conversions

Conversions Part 2

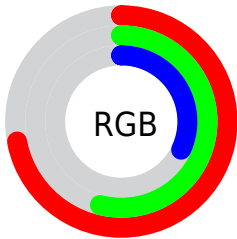
Format	Color
R_{YB}	167, 184, 81
Decimal	12093777
CIE _{Lab}	60.49, 11.45, 36.73
CIE _{LCh}	60, 38.475, 72.693
Yxy	28.6757, 0.4277, 0.4062
Android (android.graphics.Color)	4290283857 (0xFFB88951)
YUV	144.6690, -31.3888, 34.4933
Hunter-Lab	53.5497, 6.9336, 24.5020

Details

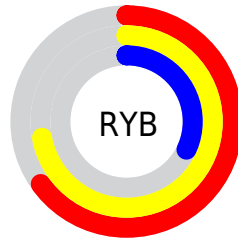
The Yxy color **28.6757, 0.4277, 0.4062** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.6340, 0.2228, 0.2327**, and the grayscale version is **28.2896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3701, 0.4045, 0.3920**, and **11.5154, 0.4644, 0.4249** is the 20% darker color. If you saturate the color by 10%, you get **26.1440, 0.4531, 0.4164**, and if you desaturate by 10%, it is **31.4704, 0.4029, 0.3935**.

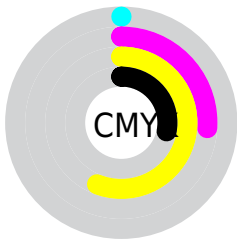
Distribution



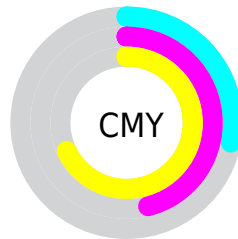
- Red (72%)
- Green (54%)
- Blue (32%)



- Red (65%)
- Yellow (72%)
- Blue (32%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (28%)




- Cyan (28%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6757, 0.4277, 0.4062 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 28.6757, 0.4277, 0.4062 by changing the saturation by 10% instead.


 28.6757, 0.4277,
0.4062


 28.6757, 0.4277,
0.4062

295.6817, 0.3666,
0.3678


 18.8356, 0.4434,
0.4148


 57.5614, 0.4050,
0.3927


 11.5516, 0.4634,
0.4248


 77.3759, 0.3965,
0.3875


 6.4391, 0.4890,
0.4356


 101.2839, 0.3895,
0.3830

 3.1139, 0.5399,
0.4601

 129.6700, 0.3835,
0.3791

 1.1915, 0.5587,
0.4413

 162.9184, 0.3784,
0.3757

 0.0547, 0.8583,
0.1417

201.4135, 0.3739,

 0.0000, 0.0000,

0.3728

0.0000

245.5398, 0.3700,
0.3702

■ 28.6757, 0.4277,
0.4062

■ 28.6757, 0.4277,
0.4062

■ 26.1440, 0.4531,
0.4164

■ 31.4704, 0.4029,
0.3935

■ 23.8608, 0.4780,
0.4230

■ 34.5335, 0.3796,
0.3795

■ 21.8160, 0.5008,
0.4248

■ 37.8753, 0.3582,
0.3650

■ 19.9957, 0.5204,
0.4213

■ 41.5043, 0.3390,
0.3507

■ 19.3181, 0.5278,
0.4191

■ 45.4283, 0.3220,
0.3369

■ 49.6550, 0.3069,
0.3239

■ 54.1916, 0.2937,
0.3117

■ 59.0452, 0.2821,
0.3006

■ 64.2224, 0.2719,
0.2903

Harmonies

Analogous

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



28.6757, 0.4378, 0.3599



28.6757, 0.4277, 0.4062



28.6757, 0.3860, 0.4390

Triad

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



28.6757, 0.4277, 0.4062



28.6757, 0.2224, 0.3363



28.6757, 0.2882, 0.2413

Complementary

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



28.6757, 0.4277, 0.4062



20.6340, 0.2228, 0.2327

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.



28.6757, 0.2366, 0.2308



28.6757, 0.4277, 0.4062



28.6757, 0.2019, 0.2780

Square

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



28.6757, 0.4277, 0.4062



28.6757, 0.2672, 0.4006



28.6757, 0.2070, 0.2421



28.6757, 0.3524, 0.2701

Rectangle

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



28.6757, 0.4277, 0.4062



28.6757, 0.3476, 0.4445



28.6757, 0.2070, 0.2421



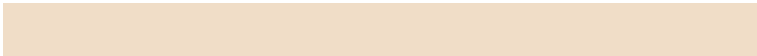
28.6757, 0.2689, 0.2355

Sweetspot

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



28.6771, 0.4277, 0.4062



74.3698, 0.3414, 0.3525



17.6571, 0.3974, 0.2631



15.7449, 0.3451, 0.3554



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.



28.6771, 0.4277, 0.4062



46.4819, 0.4586, 0.4182



44.6337, 0.3888, 0.4619



9.7999, 0.3275, 0.3414



13.4606, 0.5261, 0.4205



0.5966, 0.4916, 0.4479

Inverse Universe

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



20.6340, 0.2228, 0.2327



30.5046, 0.2051, 0.2072



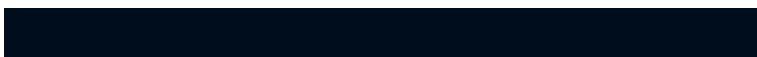
11.2474, 0.2087, 0.1536



9.3760, 0.2985, 0.3162



6.8825, 0.1738, 0.1457



0.3666, 0.1877, 0.1958

Previews

White Background



This preview shows how the Yxy color 28.6757, 0.4277, 0.4062 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 28.6757, 0.4277, 0.4062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

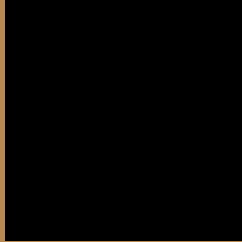
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6757, 0.4277, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 28.6757, 0.4277, 0.4062.



This preview shows how white text looks on a background with the Yxy color 28.6757, 0.4277, 0.4062.

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

28.6757, 0.4277, 0.4062

Protanopia

28.6714, 0.3903, 0.4243

Deuteranopia

28.6281, 0.4213, 0.4121



Tritanopia

28.6775, 0.3706, 0.3153

Trichromacy



Original Color

28.6757, 0.4277, 0.4062

Protanomaly

28.7045, 0.4038, 0.4177

Deuteranomaly

28.5799, 0.4245, 0.4099

Tritanomaly

28.6718, 0.3920, 0.3489

Monochromacy



Original Color

28.6757, 0.4277, 0.4062

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1221, 0.3524, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6757, 0.4277, 0.4062 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, 137, 81)` looks like.

```
.text, #text, p{  
    color:rgb(184, 137, 81)  
}
```

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, 137, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 137, 81) }
```

Border

The CSS property to change the border of an element to Yxy 28.6757, 0.4277, 0.4062 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, 137, 81) }
```

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

```
.border{ border-color:rgb(184, 137, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 137, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 137, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 137, 81);  
box-shadow:4px 4px 4px 4px rgb(184, 137,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6757, 0.4277, 0.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 137, 81) }
```

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

```
.background{ background-color: rgb(184,  
137, 81) }
```

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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