

Converting Colors

$Y_{xy}(27.2475, 0.4348, 0.3678)$

Have a look what the booklet for
Yxy(27.2475, 0.4348, 0.3678)
contains.

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Color

Yxy(27.2475, 0.4348, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	C47D60
RGB	196, 125, 96
RGB Percent	77%, 49%, 38%
CMY	0.2313, 0.5098, 0.6236
CMYK	0.00, 0.36, 0.51, 0.23
HSL	17°, 46%, 57%
HSV	17°, 51%, 77%
XYZ	32.2110, 27.2475, 14.6239
YIQ	142.9230, 51.6250, 6.0330

Conversions

Conversions Part 2

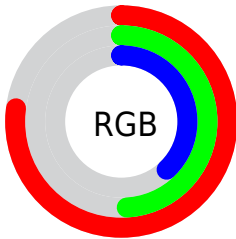
Format	Color
RYB	196, 137, 96
Decimal	12877152
CIELab	59.20, 24.45, 27.24
CIELCh	59, 36.600, 48.088
Yxy	27.2475, 0.4348, 0.3678
Android (android.graphics.Color)	4291067232 (0xFFC47D60)
YUV	142.9230, -23.1330, 46.5485
Hunter-Lab	52.1991, 18.8002, 19.9290

Details

The Yxy color **27.2475, 0.4348, 0.3678** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **34.1062, 0.2383, 0.2842**, and the grayscale version is **27.5148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2074, 0.4091, 0.3618**, and **10.7429, 0.4777, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **23.6520, 0.4702, 0.3734**, and if you desaturate by 10%, it is **31.4293, 0.4029, 0.3606**.

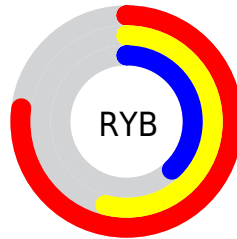
Distribution



Red (77%)

Green (49%)

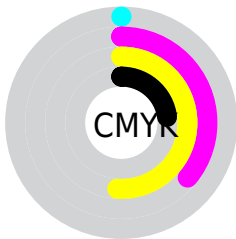
Blue (38%)



Red (77%)

Yellow (54%)

Blue (38%)

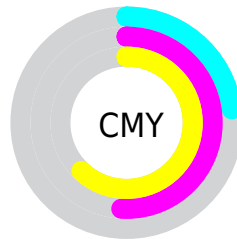


Cyan (0%)

Magenta (36%)

Yellow (51%)

Black (23%)



Cyan (23%)


Magenta (51%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2475, 0.4348, 0.3678 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 27.2475, 0.4348, 0.3678 by changing the saturation by 10% instead.


 27.2475, 0.4348,
0.3678

 27.2475, 0.4348,
0.3678


288.8535, 0.3681,
0.3500


 17.7592, 0.4531,
0.3711


 55.2808, 0.4093,
0.3620

 10.7772, 0.4773,
0.3744


 74.5945, 0.4001,
0.3596

 5.9172, 0.5104,
0.3767

 97.9522, 0.3925,
0.3575

 2.7948, 0.5647,
0.3795

 125.7382, 0.3860,
0.3556

 1.0256, 0.6360,
0.3640

158.3370, 0.3806,
0.3540

 0.0000, 1.0000,
0.0000


196.1328, 0.3758,

 0.0000, 0.0000,


0.3525


0.0000


239.5102, 0.3717,
0.3512


 27.2475, 0.4348,
0.3678

 27.2475, 0.4348,
0.3678

 23.6520, 0.4702,
0.3734

 31.4293, 0.4029,
0.3606


 20.6115, 0.5075,
0.3764


 36.2186, 0.3751,
0.3527

 18.0977, 0.5440,
0.3755

 41.6407, 0.3513,
0.3447

 16.0779, 0.5760,
0.3701

 47.7178, 0.3312,
0.3370

 14.6496, 0.5992,
0.3624

 54.4714, 0.3143,
0.3297

■ 61.9218, 0.3001,
0.3230

■ 70.0885, 0.2881,
0.3168

■ 78.9901, 0.2780,
0.3112

■ 87.4732, 0.2780,
0.3239

Harmonies

Analogous

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



27.2475, 0.4140, 0.3208



27.2475, 0.4348, 0.3678



27.2475, 0.4189, 0.4113

Triad

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



27.2475, 0.4348, 0.3678



27.2475, 0.2595, 0.3878



27.2475, 0.2465, 0.2339

Complementary

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



27.2475, 0.4348, 0.3678



34.1062, 0.2383, 0.2842

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.



27.2475, 0.2135, 0.2410



27.2475, 0.4348, 0.3678



27.2475, 0.2197, 0.3250

Square

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



27.2475, 0.4348, 0.3678



27.2475, 0.3159, 0.4325



27.2475, 0.2041, 0.2717



27.2475, 0.2998, 0.2476

Rectangle

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



27.2475, 0.4348, 0.3678



27.2475, 0.3916, 0.4323



27.2475, 0.2041, 0.2717



27.2475, 0.2330, 0.2338

Sweetspot

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



27.2489, 0.4348, 0.3678



81.6591, 0.3393, 0.3402



22.9147, 0.3525, 0.2377



16.9755, 0.3436, 0.3419



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



27.2489, 0.4348, 0.3678



42.2908, 0.4736, 0.3739



42.9836, 0.3996, 0.4285



10.5433, 0.3282, 0.3357



9.5423, 0.5968, 0.3644



0.5346, 0.5515, 0.4003

Inverse Universe

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



34.1062, 0.2383, 0.2842



55.9293, 0.2255, 0.2726



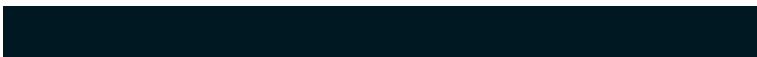
19.3479, 0.2224, 0.2028



10.9188, 0.2984, 0.3222



14.6057, 0.1980, 0.2328



0.7448, 0.2047, 0.2568

Previews

White Background



This preview shows how the Yxy color 27.2475, 0.4348, 0.3678 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 27.2475, 0.4348, 0.3678 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 27.2475, 0.4348, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 27.2475, 0.4348, 0.3678.



This preview shows how white text looks on a background with the Yxy color 27.2475, 0.4348, 0.3678.

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

27.2475, 0.4348, 0.3678

Protanopia

27.4942, 0.3663, 0.3934

Deuteranopia

27.4701, 0.4005, 0.3932



Tritanopia

27.1600, 0.3999, 0.3173

Trichromacy



Original Color

27.2475, 0.4348, 0.3678

Protanomaly

26.9634, 0.3910, 0.3839

Deuteranomaly

27.4250, 0.4127, 0.3836

Tritanomaly

27.2092, 0.4131, 0.3360

Monochromacy



Original Color

27.2475, 0.4348, 0.3678

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7961, 0.3534, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2475, 0.4348, 0.3678 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(196, 125, 96)` looks like.

```
.text, #text, p{  
    color:rgb(196, 125, 96)  
}
```

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(196, 125, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 125, 96) }
```

Border

The CSS property to change the border of an element to Yxy 27.2475, 0.4348, 0.3678 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(196, 125, 96) }
```

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

```
.border{ border-color:rgb(196, 125, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 125, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 125, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 125, 96);  
box-shadow:4px 4px 4px 4px rgb(196, 125,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2475, 0.4348, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 125, 96) }
```

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

```
.background{ background-color: rgb(196,  
125, 96) }
```

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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