

Converting Colors

$Y_{xy}(27.1309, 0.4290, 0.3706)$

Have a look what the booklet for
Yxy(27.1309, 0.4290, 0.3706)
contains.

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Color

Yxy(27.2297, 0.4287, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	C07F60
RGB	192, 127, 96
RGB Percent	75%, 50%, 38%
CMY	0.2471, 0.5019, 0.6235
CMYK	0.00, 0.34, 0.50, 0.25
HSL	19°, 43%, 56%
HSV	19°, 50%, 75%
XYZ	31.4392, 27.2297, 14.6672
YIQ	142.9010, 48.6910, 4.1390

Conversions

Conversions Part 2

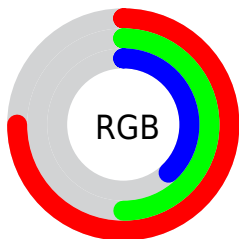
Format	Color
R_{YB}	192, 142, 96
Decimal	12615520
CIE Lab	59.19, 21.71, 27.11
CIE LCh	59, 34.731, 51.306
Yxy	27.2297, 0.4287, 0.3713
Android (android.graphics.Color)	4290805600 (0xFFC07F60)
YUV	142.9010, -23.1222, 43.0598
Hunter-Lab	52.1821, 16.2258, 19.8624

Details

The Yxy color **27.2297, 0.4287, 0.3713** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.7845, 0.2387, 0.2802**, and the grayscale version is **27.5071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2583, 0.4047, 0.3643**, and **10.6804, 0.4689, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **23.7751, 0.4624, 0.3779**, and if you desaturate by 10%, it is **31.2067, 0.3983, 0.3632**.

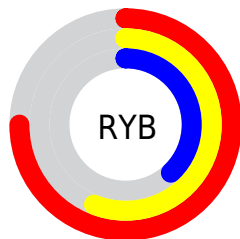
Distribution



Red (75%)

Green (50%)

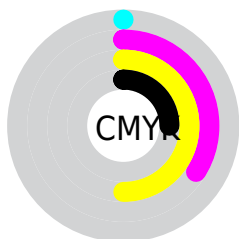
Blue (38%)



Red (75%)

Yellow (56%)

Blue (38%)

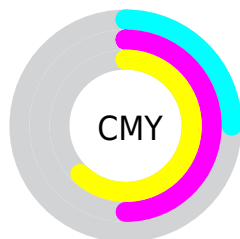


Cyan (0%)

Magenta (34%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (50%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2297, 0.4287, 0.3713 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 27.2297, 0.4287, 0.3713 by changing the saturation by 10% instead.


 27.2297, 0.4287,
0.3713


 27.2297, 0.4287,
0.3713


288.7676, 0.3654,
0.3513


 17.7458, 0.4460,
0.3754


 55.2522, 0.4045,
0.3646


 10.7676, 0.4691,
0.3797


 74.5597, 0.3957,
0.3618

 5.9108, 0.5006,
0.3836

 97.9104, 0.3885,
0.3595

 2.7909, 0.5526,
0.3892

 125.6889, 0.3824,
0.3574

 1.0236, 0.6216,
0.3784

158.2794, 0.3772,
0.3556

 0.0000, 1.0000,
0.0000

196.0665, 0.3727,

 0.0000, 0.0000,

0.3540

0.0000

239.4344, 0.3688,
0.3526

■ 27.2297, 0.4287,
0.3713

■ 27.2297, 0.4287,
0.3713

■ 23.7751, 0.4624,
0.3779

■ 31.2067, 0.3983,
0.3632

■ 20.8161, 0.4981,
0.3819

■ 35.7233, 0.3716,
0.3544

■ 18.3290, 0.5333,
0.3821


■ 40.8010, 0.3487,
0.3455


■ 16.2867, 0.5649,
0.3775

■ 46.4588, 0.3292,
0.3370


■ 14.6520, 0.5909,
0.3690


■ 52.7147, 0.3127,
0.3290

 14.6512, 0.5909,
0.3690

 59.5859, 0.2987,
0.3216

 67.0891, 0.2869,
0.3148

 75.2401, 0.2769,
0.3086

 83.1325, 0.2752,
0.3171

Harmonies

Analogous

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



27.2297, 0.4125, 0.3262



27.2297, 0.4287, 0.3713



27.2297, 0.4105, 0.4115

Triad

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



27.2297, 0.4287, 0.3713



27.2297, 0.2572, 0.3786



27.2297, 0.2544, 0.2386

Complementary

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



27.2297, 0.4287, 0.3713



31.7845, 0.2387, 0.2802

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.



27.2297, 0.2203, 0.2434



27.2297, 0.4287, 0.3713



27.2297, 0.2213, 0.3193

Square

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



27.2297, 0.4287, 0.3713



27.2297, 0.3100, 0.4238



27.2297, 0.2088, 0.2705



27.2297, 0.3068, 0.2537

Rectangle

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



27.2297, 0.4287, 0.3713



27.2297, 0.3831, 0.4295



27.2297, 0.2088, 0.2705



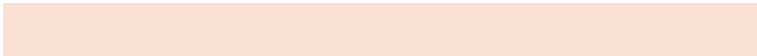
27.2297, 0.2406, 0.2379

Sweetspot

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



27.2311, 0.4287, 0.3713



78.6706, 0.3390, 0.3414



22.1685, 0.3556, 0.2432



16.4165, 0.3433, 0.3432



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



27.2311, 0.4287, 0.3713



42.5225, 0.4658, 0.3785



42.4786, 0.3956, 0.4302



10.5971, 0.3281, 0.3365



9.9854, 0.5886, 0.3708



0.5584, 0.5442, 0.4061

Inverse Universe

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



31.7845, 0.2387, 0.2802



51.6026, 0.2252, 0.2672



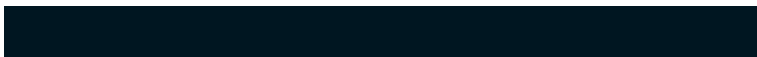
18.2394, 0.2235, 0.2007



10.8623, 0.2984, 0.3214



13.4506, 0.1948, 0.2211



0.7017, 0.2022, 0.2480

Previews

White Background



This preview shows how the Yxy color 27.2297, 0.4287, 0.3713 looks on a white background.

Color Contrast Check

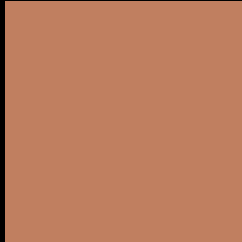
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2297, 0.4287, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

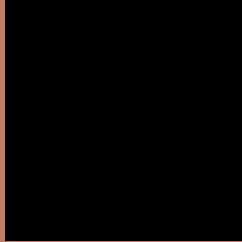
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2297, 0.4287, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 27.2297, 0.4287, 0.3713.



This preview shows how white text looks on a background with the Yxy color 27.2297, 0.4287, 0.3713.

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

27.2297, 0.4287, 0.3713

Protanopia

27.4942, 0.3663, 0.3934

Deuteranopia

27.4701, 0.4005, 0.3932



Tritanopia

27.1599, 0.3918, 0.3170

Trichromacy



Original Color

27.2297, 0.4287, 0.3713

Protanomaly

27.1363, 0.3892, 0.3856

Deuteranomaly

27.1850, 0.4104, 0.3841

Tritanomaly

27.1926, 0.4061, 0.3375

Monochromacy



Original Color

27.2297, 0.4287, 0.3713

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9747, 0.3519, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2297, 0.4287, 0.3713 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(192, 127, 96)` looks like.

```
.text, #text, p{  
    color:rgb(192, 127, 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(192, 127, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 127, 96) }
```

Border

The CSS property to change the border of an element to Yxy 27.2297, 0.4287, 0.3713 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(192, 127, 96) }
```

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

```
.border{ border-color:rgb(192, 127, 96) }
```

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

Here you see how a box with a 4 pixel rgb(192, 127, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 127, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 127, 96);  
box-shadow:4px 4px 4px 4px rgb(192, 127,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2297, 0.4287, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 127, 96) }
```

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

```
.background{ background-color: rgb(192,  
127, 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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