

Converting Colors

$Y_{xy}(27.9035, 0.4302, 0.3707)$

Have a look what the booklet for
Yxy(27.9035, 0.4302, 0.3707)
contains.

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Color

Yxy(27.9035, 0.4302, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	C38061
RGB	195, 128, 97
RGB Percent	76%, 50%, 38%
CMY	0.2353, 0.4980, 0.6196
CMYK	0.00, 0.34, 0.50, 0.24
HSL	19°, 45%, 57%
HSV	19°, 50%, 76%
XYZ	32.3822, 27.9035, 14.9867
YIQ	144.4990, 49.8830, 4.5630

Conversions

Conversions Part 2

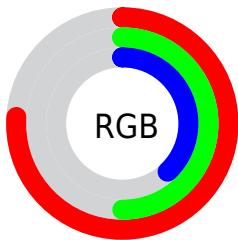
Format	Color
RYB	195, 142, 97
Decimal	12812385
CIELab	59.80, 22.48, 27.43
CIELCh	60, 35.467, 50.657
Yxy	27.9035, 0.4302, 0.3707
Android (android.graphics.Color)	4291002465 (0xFFC38061)
YUV	144.4990, -23.4170, 44.2894
Hunter-Lab	52.8238, 16.9831, 20.1553

Details

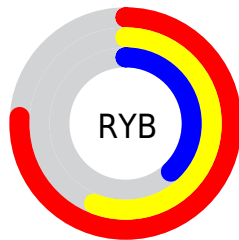
The Yxy color **27.9035, 0.4302, 0.3707** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **33.0278, 0.2385, 0.2808**, and the grayscale version is **28.1837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2567, 0.4059, 0.3640**, and **11.0823, 0.4704, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **24.3326, 0.4643, 0.3771**, and if you desaturate by 10%, it is **32.0234, 0.3994, 0.3627**.

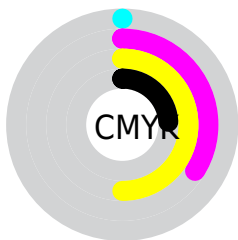
Distribution



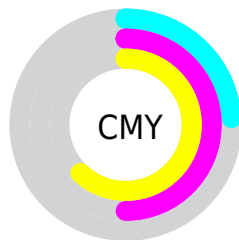
- Red (76%)
- Green (50%)
- Blue (38%)



- Red (76%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (24%)





- Cyan (24%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9035, 0.4302, 0.3707 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 27.9035, 0.4302, 0.3707 by changing the saturation by 10% instead.


 27.9035, 0.4302,
0.3707

 27.9035, 0.4302,
0.3707


292.0055, 0.3663,
0.3512


 18.2529, 0.4476,
0.3746


 56.3303, 0.4058,
0.3642

 11.1317, 0.4706,
0.3787


 75.8754, 0.3970,
0.3615

 6.1555, 0.5021,
0.3822

 99.4874, 0.3897,
0.3592

 2.9399, 0.5521,
0.3862

 127.5508, 0.3835,
0.3572

 1.1004, 0.6228,
0.3772

160.4498, 0.3783,
0.3554

 0.0000, 1.0000,
0.0000

198.5691, 0.3737,

 0.0000, 0.0000,

0.3538

0.0000

242.2928, 0.3698,
0.3524

■ 27.9035, 0.4302,
0.3707

■ 27.9035, 0.4302,
0.3707

■ 24.3326, 0.4643,
0.3771

■ 32.0234, 0.3994,
0.3627

■ 21.2823, 0.5003,
0.3809

■ 36.7108, 0.3725,
0.3541

■ 18.7274, 0.5358,
0.3808

■ 41.9886, 0.3494,
0.3454

■ 16.6389, 0.5675,
0.3759

■ 47.8768, 0.3297,
0.3371

■ 15.0151, 0.5927,
0.3676

■ 54.3946, 0.3131,
0.3292

■ 61.5605, 0.2991,
0.3219

■ 69.3920, 0.2872,
0.3152

■ 77.9058, 0.2771,
0.3091

■ 85.9399, 0.2772,
0.3215

Harmonies

Analogous

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



27.9035, 0.4131, 0.3251



27.9035, 0.4302, 0.3707



27.9035, 0.4123, 0.4117

Triad

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



27.9035, 0.4302, 0.3707



27.9035, 0.2575, 0.3806



27.9035, 0.2527, 0.2375

Complementary

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



27.9035, 0.4302, 0.3707



33.0278, 0.2385, 0.2808

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.



27.9035, 0.2187, 0.2427



27.9035, 0.4302, 0.3707



27.9035, 0.2208, 0.3203

Square

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



27.9035, 0.4302, 0.3707



27.9035, 0.3111, 0.4258



27.9035, 0.2077, 0.2706



27.9035, 0.3054, 0.2523

Rectangle

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



27.9035, 0.4302, 0.3707



27.9035, 0.3849, 0.4303



27.9035, 0.2077, 0.2706



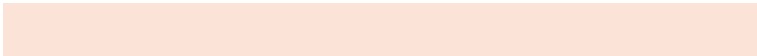
27.9035, 0.2390, 0.2369

Sweetspot

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



27.9049, 0.4302, 0.3707



80.3648, 0.3391, 0.3412



22.8888, 0.3538, 0.2408



17.1081, 0.3434, 0.3430



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.



27.9049, 0.4302, 0.3707



43.1850, 0.4667, 0.3775



43.2803, 0.3971, 0.4289



10.5865, 0.3281, 0.3363



9.8939, 0.5903, 0.3695



0.5536, 0.5456, 0.4050

Inverse Universe

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



33.0278, 0.2385, 0.2808



53.2560, 0.2255, 0.2685



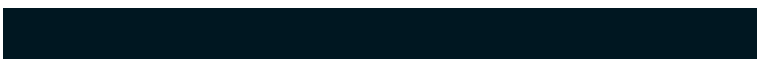
19.1097, 0.2234, 0.2024



10.8734, 0.2984, 0.3215



13.6730, 0.1954, 0.2234



0.7100, 0.2027, 0.2498

Previews

White Background



This preview shows how the Yxy color 27.9035, 0.4302, 0.3707 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 27.9035, 0.4302, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

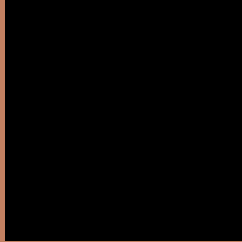
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9035, 0.4302, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 27.9035, 0.4302, 0.3707.



This preview shows how white text looks on a background with the Yxy color 27.9035, 0.4302, 0.3707.

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

27.9035, 0.4302, 0.3707

Protanopia

27.9146, 0.3660, 0.3931

Deuteranopia

28.0019, 0.4011, 0.3925



Tritanopia

27.8376, 0.3935, 0.3172

Trichromacy



Original Color

27.9035, 0.4302, 0.3707

Protanomaly

27.6626, 0.3899, 0.3850

Deuteranomaly

27.8398, 0.4121, 0.3833

Tritanomaly

27.8695, 0.4078, 0.3373

Monochromacy



Original Color

27.9035, 0.4302, 0.3707

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8103, 0.3514, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9035, 0.4302, 0.3707 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(195, 128, 97)` looks like.

```
.text, #text, p{  
    color:rgb(195, 128, 97)  
}
```

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(195, 128, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 128, 97) }
```

Border

The CSS property to change the border of an element to Yxy 27.9035, 0.4302, 0.3707 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(195, 128, 97) }
```

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

```
.border{ border-color:rgb(195, 128, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 128, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 128, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 128, 97);  
box-shadow:4px 4px 4px 4px rgb(195, 128,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9035, 0.4302, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 128, 97) }
```

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

```
.background{ background-color: rgb(195,  
128, 97) }
```

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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