

Converting Colors

$Y_{xy}(28.4018, 0.4907, 0.4040)$

Have a look what the booklet for
Yxy(28.4018, 0.4907, 0.4040)
contains.

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Color

Yxy(28.4025, 0.4907, 0.4040)

Conversions

Conversions Part 1

Format	Color
Hex	D27C38
RGB	210, 124, 56
RGB Percent	82%, 49%, 22%
CMY	0.1765, 0.5137, 0.7805
CMYK	0.00, 0.41, 0.73, 0.18
HSL	27°, 63%, 52%
HSV	27°, 73%, 82%
XYZ	34.4978, 28.4025, 7.4029
YIQ	141.9620, 73.0840, -2.9160

Conversions

Conversions Part 2

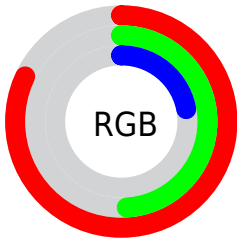
Format	Color
R_{YB}	210, 178, 56
Decimal	13794360
CIE _{Lab}	60.25, 27.99, 49.84
CIE _{LCh}	60, 57.161, 60.677
Yxy	28.4025, 0.4907, 0.4040
Android (android.graphics.Color)	4291984440 (0xFFD27C38)
YUV	141.9620, -42.3793, 59.6693
Hunter-Lab	53.2940, 22.2805, 29.0700

Details

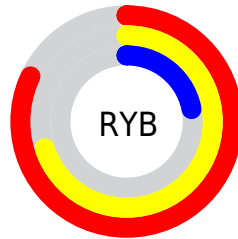
The Yxy color **28.4025, 0.4907, 0.4040** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **24.8279, 0.2042, 0.2211**, and the grayscale version is **27.1842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7449, 0.4439, 0.4005**, and **11.3838, 0.5398, 0.4088** is the 20% darker color. If you saturate the color by 10%, you get **25.4737, 0.5195, 0.4046**, and if you desaturate by 10%, it is **31.7698, 0.4604, 0.3988**.

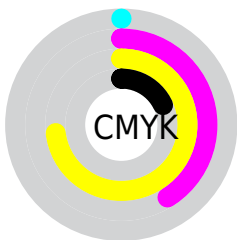
Distribution



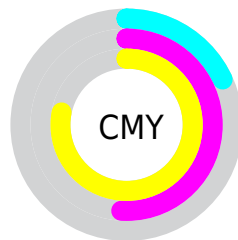
- Red (82%)
- Green (49%)
- Blue (22%)



- Red (82%)
- Yellow (70%)
- Blue (22%)



- Cyan (0%)
- Magenta (41%)
- Yellow (73%)
- Black (18%)





- Cyan (18%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4025, 0.4907, 0.4040 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 28.4025, 0.4907, 0.4040 by changing the saturation by 10% instead.


 28.4025, 0.4907,
0.4040


 28.4025, 0.4907,
0.4040


294.3852, 0.3978,
0.3731

 18.6293, 0.5129,
0.4076


 57.1264, 0.4571,
0.3954


 11.4027, 0.5397,
0.4091


 76.8459, 0.4444,
0.3913

 6.3384, 0.5789,
0.4106

 100.6496, 0.4335,
0.3875

 3.0519, 0.6091,
0.3909

 128.9219, 0.4243,
0.3840

 1.1589, 0.6485,
0.3515

 162.0473, 0.4163,
0.3809

 0.0277, 0.9624,
0.0376

 200.4100, 0.4093,

 0.0000, 0.0000,

0.3780

0.0000

244.3945, 0.4032,
0.3755

■ 28.4025, 0.4907,
0.4040

■ 28.4025, 0.4907,
0.4040

■ 25.4737, 0.5195,
0.4046

■ 31.7698, 0.4604,
0.3988

■ 22.9551, 0.5445,
0.3998

■ 35.5922, 0.4306,
0.3901

■ 21.4866, 0.5591,
0.3943

■ 39.8907, 0.4026,
0.3794

■ 44.6833, 0.3772,
0.3676

■ 49.9868, 0.3547,
0.3556

■ 55.8174, 0.3350,
0.3438

■ 62.1901, 0.3179,
0.3326

■ 69.1195, 0.3031,
0.3221

■ 76.6195, 0.2904,
0.3124

Harmonies

Analogous

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



28.4025, 0.4883, 0.3382



28.4025, 0.4907, 0.4040



28.4025, 0.4412, 0.4670

Triad

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



28.4025, 0.4907, 0.4040



28.4025, 0.2028, 0.3786



28.4025, 0.2429, 0.1980

Complementary

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



28.4025, 0.4907, 0.4040



24.8279, 0.2042, 0.2211

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.



28.4025, 0.1849, 0.1933



28.4025, 0.4907, 0.4040



28.4025, 0.1637, 0.2801

Square

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



28.4025, 0.4907, 0.4040



28.4025, 0.2749, 0.4737



28.4025, 0.1588, 0.2182



28.4025, 0.3303, 0.2275

Rectangle

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



28.4025, 0.4907, 0.4040



28.4025, 0.3904, 0.4967



28.4025, 0.1588, 0.2182



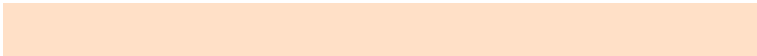
28.4025, 0.2199, 0.1935

Sweetspot

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



28.4040, 0.4907, 0.4040



78.5186, 0.3524, 0.3543



18.5180, 0.4151, 0.2332



16.3008, 0.3582, 0.3576



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.



28.4040, 0.4907, 0.4040



37.2483, 0.5342, 0.4026



55.1667, 0.4167, 0.4801



12.6554, 0.3280, 0.3393



13.3011, 0.5566, 0.3962



0.9006, 0.5252, 0.4212

Inverse Universe

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



24.8279, 0.2042, 0.2211



31.2411, 0.1896, 0.1944



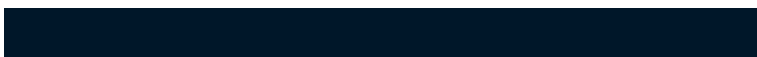
9.4187, 0.1758, 0.1087



12.4967, 0.2983, 0.3185



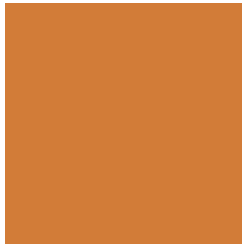
10.8364, 0.1830, 0.1787



0.7627, 0.1914, 0.2089

Previews

White Background



This preview shows how the Yxy color 28.4025, 0.4907, 0.4040 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 28.4025, 0.4907, 0.4040 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 28.4025, 0.4907, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 28.4025, 0.4907, 0.4040.



This preview shows how white text looks on a background with the Yxy color 28.4025, 0.4907, 0.4040.

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

28.4025, 0.4907, 0.4040

Protanopia

28.5870, 0.4113, 0.4513

Deuteranopia

28.3700, 0.4491, 0.4394



Tritanopia

28.4994, 0.4237, 0.3195

Trichromacy



Original Color

28.4025, 0.4907, 0.4040

Protanomaly

28.0869, 0.4399, 0.4336

Deuteranomaly

28.2386, 0.4648, 0.4265

Tritanomaly

28.4992, 0.4524, 0.3536

Monochromacy



Original Color

28.4025, 0.4907, 0.4040

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6911, 0.3768, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4025, 0.4907, 0.4040 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(210, 124, 56)` looks like.

```
.text, #text, p{  
    color:rgb(210, 124, 56)  
}
```

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(210, 124, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 124, 56) }
```

Border

The CSS property to change the border of an element to Yxy 28.4025, 0.4907, 0.4040 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(210, 124, 56) }
```

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

```
.border{ border-color:rgb(210, 124, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 124, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 124, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 124, 56);  
box-shadow:4px 4px 4px 4px rgb(210, 124,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4025, 0.4907, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 124, 56) }
```

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

```
.background{ background-color: rgb(210,  
124, 56) }
```

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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