

Converting Colors

$Y_{xy}(28.1898, 0.4545, 0.4037)$

Have a look what the booklet for
Yxy(28.1898, 0.4545, 0.4037)
contains.

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Color

Yxy(28.3026, 0.4541, 0.4043)

Conversions

Conversions Part 1

Format	Color
Hex	C38348
RGB	195, 131, 72
RGB Percent	76%, 51%, 28%
CMY	0.2353, 0.4862, 0.7178
CMYK	0.00, 0.33, 0.63, 0.24
HSL	29°, 51%, 52%
HSV	29°, 63%, 76%
XYZ	31.7888, 28.3026, 9.9126
YIQ	143.4100, 57.0830, -4.7810

Conversions

Conversions Part 2

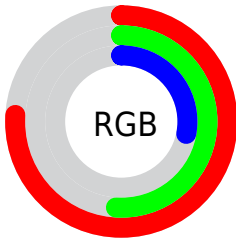
Format	Color
RYB	195, 185, 72
Decimal	12813128
CIELab	60.16, 18.79, 41.34
CIELCh	60, 45.410, 65.560
Yxy	28.3026, 0.4541, 0.4043
Android (android.graphics.Color)	4291003208 (0xFFC38348)
YUV	143.4100, -35.2051, 45.2444
Hunter-Lab	53.2002, 13.5591, 26.1929

Details

The Yxy color **28.3026, 0.4541, 0.4043** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **22.9088, 0.2150, 0.2311**, and the grayscale version is **27.7669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9461, 0.4269, 0.3928**, and **11.2692, 0.4967, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **25.4965, 0.4824, 0.4106**, and if you desaturate by 10%, it is **31.4589, 0.4261, 0.3947**.

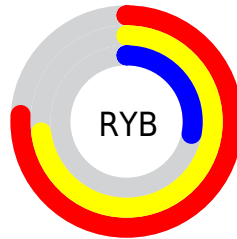
Distribution



Red (76%)

Green (51%)

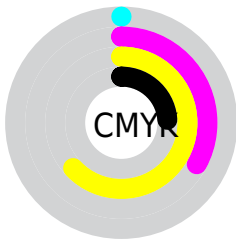
Blue (28%)



Red (76%)

Yellow (73%)

Blue (28%)

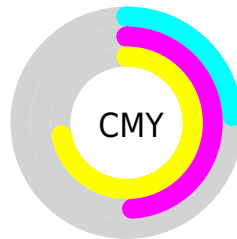


Cyan (0%)

Magenta (33%)

Yellow (63%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3026, 0.4541, 0.4043 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 28.3026, 0.4541, 0.4043 by changing the saturation by 10% instead.


 28.3026, 0.4541,
0.4043


 28.3026, 0.4541,
0.4043


293.9100, 0.3791,
0.3691


 18.5539, 0.4730,
0.4110


 56.9672, 0.4264,
0.3927

 11.3484, 0.4968,
0.4177


 76.6519, 0.4161,
0.3880

 6.3017, 0.5270,
0.4230


 100.4173, 0.4074,
0.3838

 3.0294, 0.5721,
0.4279

 128.6479, 0.4000,
0.3801

 1.1471, 0.6015,
0.3985

 161.7281, 0.3937,
0.3768

 0.0178, 0.9638,
0.0362

200.0423, 0.3882,

 0.0000, 0.0000,

0.3740

0.0000

243.9748, 0.3834,
0.3714

■ 28.3026, 0.4541,
0.4043

■ 28.3026, 0.4541,
0.4043

■ 25.4965, 0.4824,
0.4106

■ 31.4589, 0.4261,
0.3947

■ 23.0207, 0.5092,
0.4123

■ 34.9752, 0.3995,
0.3830

■ 20.8591, 0.5328,
0.4087

■ 38.8663, 0.3752,
0.3703

■ 19.5326, 0.5471,
0.4038

■ 43.1445, 0.3535,
0.3573

■ 47.8215, 0.3343,
0.3447

■ 52.9084, 0.3175,
0.3326

■ 58.4159, 0.3028,
0.3213

■ 64.3543, 0.2902,
0.3108

■ 70.7332, 0.2791,
0.3012

Harmonies

Analogous

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



28.3026, 0.4570, 0.3492



28.3026, 0.4541, 0.4043



28.3026, 0.4112, 0.4505

Triad

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



28.3026, 0.4541, 0.4043



28.3026, 0.2168, 0.3557



28.3026, 0.2670, 0.2228

Complementary

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



28.3026, 0.4541, 0.4043



22.9088, 0.2150, 0.2311

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.



28.3026, 0.2135, 0.2158



28.3026, 0.4541, 0.4043



28.3026, 0.1871, 0.2816

Square

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



28.3026, 0.4541, 0.4043



28.3026, 0.2736, 0.4311



28.3026, 0.1865, 0.2341



28.3026, 0.3406, 0.2511

Rectangle

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



28.3026, 0.4541, 0.4043



28.3026, 0.3684, 0.4662



28.3026, 0.1865, 0.2341



28.3026, 0.2464, 0.2179

Sweetspot

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



28.3040, 0.4541, 0.4043



80.3777, 0.3459, 0.3525



18.0540, 0.4010, 0.2465



17.0792, 0.3517, 0.3562



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.



28.3040, 0.4541, 0.4043



43.7876, 0.4936, 0.4119



49.2810, 0.4028, 0.4695



10.8576, 0.3277, 0.3401



12.8632, 0.5450, 0.4055



0.6937, 0.5098, 0.4334

Inverse Universe

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



22.9088, 0.2150, 0.2311



33.3043, 0.1978, 0.2047



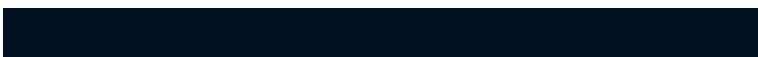
10.4944, 0.1926, 0.1338



10.5951, 0.2984, 0.3177



8.8312, 0.1795, 0.1662



0.5190, 0.1905, 0.2056

Previews

White Background



This preview shows how the Yxy color 28.3026, 0.4541, 0.4043 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 28.3026, 0.4541, 0.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

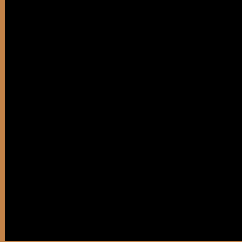
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3026, 0.4541, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 28.3026, 0.4541, 0.4043.



This preview shows how white text looks on a background with the Yxy color 28.3026, 0.4541, 0.4043.

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

28.3026, 0.4541, 0.4043

Protanopia

28.5672, 0.3966, 0.4339

Deuteranopia

28.2029, 0.4315, 0.4228



Tritanopia

28.2509, 0.3930, 0.3173

Trichromacy



Original Color

28.3026, 0.4541, 0.4043

Protanomaly

28.4420, 0.4175, 0.4236

Deuteranomaly

28.0972, 0.4402, 0.4149

Tritanomaly

28.3322, 0.4176, 0.3506

Monochromacy



Original Color

28.3026, 0.4541, 0.4043

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4310, 0.3624, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3026, 0.4541, 0.4043 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, 131, 72)` looks like.

```
.text, #text, p{  
    color:rgb(195, 131, 72)  
}
```

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, 131, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 131, 72) }
```

Border

The CSS property to change the border of an element to Yxy 28.3026, 0.4541, 0.4043 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, 131, 72) }
```

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

```
.border{ border-color:rgb(195, 131, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 131, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 131, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 131, 72);  
box-shadow:4px 4px 4px 4px rgb(195, 131,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3026, 0.4541, 0.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 131, 72) }
```

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

```
.background{ background-color: rgb(195,  
131, 72) }
```

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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