

Converting Colors

$Y_{xy}(30.6346, 0.4456, 0.3717)$

Have a look what the booklet for
Yxy(30.6346, 0.4456, 0.3717)
contains.

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Color

Yxy(30.5114, 0.4461, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	D28260
RGB	210, 130, 96
RGB Percent	82%, 51%, 38%
CMY	0.1765, 0.4901, 0.6236
CMYK	0.00, 0.38, 0.54, 0.18
HSL	18°, 56%, 60%
HSV	18°, 54%, 82%
XYZ	36.6679, 30.5114, 15.0173
YIQ	150.0440, 58.5940, 6.3860

Conversions

Conversions Part 2

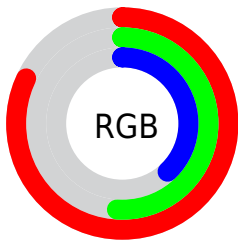
Format	Color
R _Y B	210, 144, 96
Decimal	13795936
CIE Lab	62.09, 27.38, 31.31
CIE LCh	62, 41.592, 48.831
Yxy	30.5114, 0.4461, 0.3712
Android (android.graphics.Color)	4291986016 (0xFFD28260)
YUV	150.0440, -26.6437, 52.5814
Hunter-Lab	55.2371, 21.8283, 22.5468

Details

The Yxy color **30.5114, 0.4461, 0.3712** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.1668, 0.2337, 0.2790**, and the grayscale version is **30.6159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6476, 0.4062, 0.3680**, and **12.6345, 0.4889, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **26.5341, 0.4822, 0.3762**, and if you desaturate by 10%, it is **35.1560, 0.4130, 0.3642**.

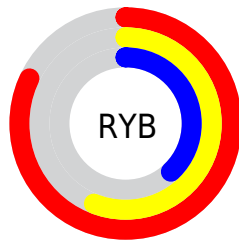
Distribution



Red (82%)

Green (51%)

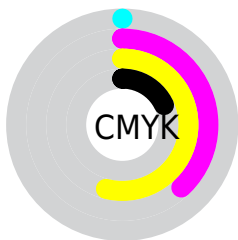
Blue (38%)



Red (82%)

Yellow (56%)

Blue (38%)

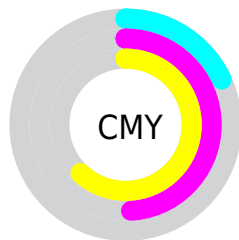


Cyan (0%)

Magenta (38%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (49%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5114, 0.4461, 0.3712 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 30.5114, 0.4461, 0.3712 by changing the saturation by 10% instead.


 30.5114, 0.4461,
0.3712


 30.5114, 0.4461,
0.3712


304.2810, 0.3747,
0.3527


 20.2271, 0.4649,
0.3743

 60.4700, 0.4193,
0.3654


 12.5602, 0.4894,
0.3772


 80.9131, 0.4094,
0.3630

 7.1264, 0.5220,
0.3786


 105.5111, 0.4012,
0.3607

 3.5413, 0.5711,
0.3783

 134.6487, 0.3943,
0.3588

 1.4204, 0.6366,
0.3634

168.7100, 0.3883,
0.3570

 0.2317, 0.7933,
0.2067

208.0796, 0.3832,

 0.0000, 0.0000,

0.3554

0.0000

253.1418, 0.3787,
0.3540

■ 30.5114, 0.4461,
0.3712

■ 30.5114, 0.4461,
0.3712

■ 26.5341, 0.4822,
0.3762

■ 35.1560, 0.4130,
0.3642

■ 23.1873, 0.5194,
0.3781

■ 40.4931, 0.3839,
0.3562

■ 20.4373, 0.5545,
0.3757

■ 46.5520, 0.3588,
0.3479

■ 18.2450, 0.5839,
0.3687

■ 53.3591, 0.3375,
0.3398

■ 17.2205, 0.5980,
0.3634

■ 60.9393, 0.3195,
0.3321

■ 69.3164, 0.3044,
0.3250

■ 78.5130, 0.2917,
0.3184

■ 87.9600, 0.2856,
0.3215

■ 92.4392, 0.2860,
0.3289

Harmonies

Analogous

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



30.5114, 0.4246, 0.3206



30.5114, 0.4461, 0.3712



30.5114, 0.4271, 0.4186

Triad

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



30.5114, 0.4461, 0.3712



30.5114, 0.2530, 0.3922



30.5114, 0.2419, 0.2263

Complementary

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



30.5114, 0.4461, 0.3712



38.1668, 0.2337, 0.2790

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.



30.5114, 0.2059, 0.2329



30.5114, 0.4461, 0.3712



30.5114, 0.2109, 0.3223

Square

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



30.5114, 0.4461, 0.3712



30.5114, 0.3138, 0.4425



30.5114, 0.1952, 0.2649



30.5114, 0.2999, 0.2416

Rectangle

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



30.5114, 0.4461, 0.3712



30.5114, 0.3966, 0.4420



30.5114, 0.1952, 0.2649



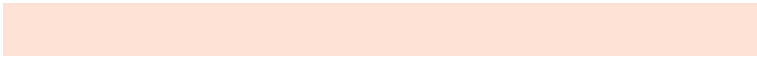
30.5114, 0.2272, 0.2259

Sweetspot

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



30.5129, 0.4461, 0.3712



80.7258, 0.3412, 0.3413



25.2624, 0.3562, 0.2322



16.7971, 0.3455, 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.



30.5129, 0.4461, 0.3712



40.3750, 0.4875, 0.3767



49.3593, 0.4057, 0.4345



12.3754, 0.3283, 0.3360



10.6604, 0.5953, 0.3655



0.7347, 0.5587, 0.3946

Inverse Universe

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



38.1668, 0.2337, 0.2790



53.2641, 0.2208, 0.2664



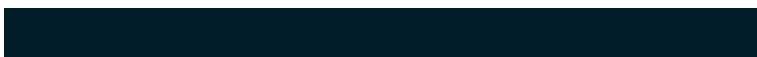
20.7347, 0.2158, 0.1925



12.7862, 0.2983, 0.3219



15.8071, 0.1971, 0.2294



1.0188, 0.2027, 0.2498

Previews

White Background



This preview shows how the Yxy color 30.5114, 0.4461, 0.3712 looks on a white background.

Color Contrast Check

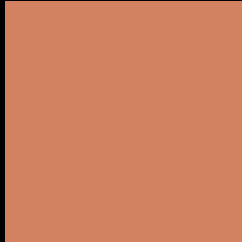
Large Text (above 18pt) WCAG AA × Fail

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 30.5114, 0.4461, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

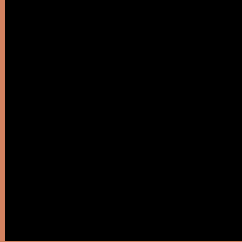
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5114, 0.4461, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 30.5114, 0.4461, 0.3712.



This preview shows how white text looks on a background with the Yxy color 30.5114, 0.4461, 0.3712.

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

30.5114, 0.4461, 0.3712

Protanopia

30.5987, 0.3721, 0.3994

Deuteranopia

30.6819, 0.4081, 0.4008



Tritanopia

30.5346, 0.4071, 0.3181

Trichromacy



Original Color

30.5114, 0.4461, 0.3712

Protanomaly

30.2878, 0.3983, 0.3893

Deuteranomaly

30.4799, 0.4219, 0.3897

Tritanomaly

30.5319, 0.4222, 0.3381

Monochromacy



Original Color

30.5114, 0.4461, 0.3712

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0273, 0.3581, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5114, 0.4461, 0.3712 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, 130, 96)` looks like.

```
.text, #text, p{  
  color:rgb(210, 130, 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(210, 130, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 130, 96) }
```

Border

The CSS property to change the border of an element to Yxy 30.5114, 0.4461, 0.3712 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, 130, 96) }
```

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

```
.border{ border-color:rgb(210, 130, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 130, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 130, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 130, 96);  
box-shadow:4px 4px 4px 4px rgb(210, 130,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5114, 0.4461, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 130, 96) }
```

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

```
.background{ background-color: rgb(210,  
130, 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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