

Converting Colors

$Y_{xy}(28.8737, 0.4205, 0.3613)$

Have a look what the booklet for
Yxy(28.8737, 0.4205, 0.3613)
contains.

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Color

Yxy(28.8762, 0.4205, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	C5826A
RGB	197, 130, 106
RGB Percent	77%, 51%, 42%
CMY	0.2275, 0.4901, 0.5843
CMYK	0.00, 0.34, 0.46, 0.23
HSL	16°, 44%, 59%
HSV	16°, 46%, 77%
XYZ	33.6076, 28.8762, 17.4392
YIQ	147.2970, 47.6360, 6.7400

Conversions

Conversions Part 2

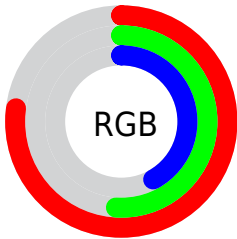
Format	Color
R_{YB}	197, 139, 106
Decimal	12943978
CIE Lab	60.67, 23.08, 23.58
CIE LCh	61, 32.996, 45.611
Yxy	28.8762, 0.4205, 0.3613
Android (android.graphics.Color)	4291134058 (0xFFC5826A)
YUV	147.2970, -20.3594, 43.5895
Hunter-Lab	53.7366, 17.5975, 18.3741

Details

The Yxy color **28.8762, 0.4205, 0.3613** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **36.9745, 0.2452, 0.2929**, and the grayscale version is **29.3790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5613, 0.3980, 0.3565**, and **11.6183, 0.4579, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **24.9237, 0.4553, 0.3672**, and if you desaturate by 10%, it is **33.4694, 0.3898, 0.3544**.

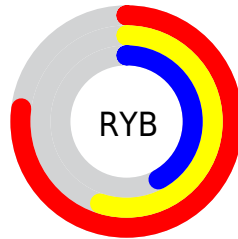
Distribution



Red (77%)

Green (51%)

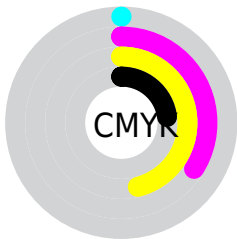
Blue (42%)



Red (77%)

Yellow (55%)

Blue (42%)

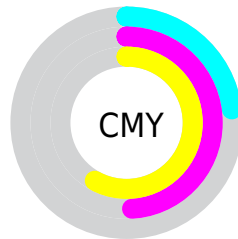


Cyan (0%)

Magenta (34%)

Yellow (46%)

Black (23%)



Cyan (23%)


Magenta (49%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8762, 0.4205, 0.3613 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 28.8762, 0.4205, 0.3613 by changing the saturation by 10% instead.


 28.8762, 0.4205,
0.3613


 28.8762, 0.4205,
0.3613


296.6304, 0.3620,
0.3464


 18.9872, 0.4365,
0.3643


 57.8803, 0.3981,
0.3563

 11.6610, 0.4579,
0.3674


 77.7642, 0.3901,
0.3543

 6.5133, 0.4874,
0.3702


 101.7486, 0.3834,
0.3525

 3.1596, 0.5303,
0.3707

 130.2177, 0.3777,
0.3510

 1.2156, 0.6220,
0.3780

163.5561, 0.3729,
0.3496

 0.0744, 0.8950,
0.1050

202.1481, 0.3688,

 0.0000, 0.0000,


0.3484


0.0000


246.3780, 0.3651,
0.3473

 28.8762, 0.4205,
0.3613


 28.8762, 0.4205,
0.3613

 24.9237, 0.4553,
0.3672


 33.4694, 0.3898,
0.3544


 21.5784, 0.4931,
0.3710


 38.7262, 0.3636,
0.3471

 18.8102, 0.5316,
0.3717


 44.6736, 0.3413,
0.3399

 16.5844, 0.5672,
0.3683

 51.3358, 0.3227,
0.3330


 14.8616, 0.5959,
0.3607


 58.7358, 0.3071,
0.3266

 14.3224, 0.6054,
0.3575

 66.8956, 0.2940,
0.3208

 75.8361, 0.2830,
0.3154

 85.0115, 0.2782,
0.3194

 90.6084, 0.2789,
0.3289

Harmonies

Analogous

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



28.8762, 0.3992, 0.3189



28.8762, 0.4205, 0.3613



28.8762, 0.4096, 0.4004

Triad

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



28.8762, 0.4205, 0.3613



28.8762, 0.2695, 0.3848



28.8762, 0.2506, 0.2435

Complementary

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



28.8762, 0.4205, 0.3613



36.9745, 0.2452, 0.2929

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.



28.8762, 0.2222, 0.2521



28.8762, 0.4205, 0.3613



28.8762, 0.2320, 0.3306

Square

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



28.8762, 0.4205, 0.3613



28.8762, 0.3207, 0.4213



28.8762, 0.2157, 0.2820



28.8762, 0.2971, 0.2542

Rectangle

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



28.8762, 0.4205, 0.3613



28.8762, 0.3869, 0.4193



28.8762, 0.2157, 0.2820



28.8762, 0.2388, 0.2441

Sweetspot

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



28.8776, 0.4205, 0.3613



82.2740, 0.3374, 0.3385



25.2431, 0.3438, 0.2422



17.0755, 0.3418, 0.3400



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.



28.8776, 0.4205, 0.3613



44.8697, 0.4540, 0.3670



43.2745, 0.3927, 0.4164



11.0845, 0.3283, 0.3352



9.5400, 0.6031, 0.3593



0.5742, 0.5608, 0.3930

Inverse Universe

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



36.9745, 0.2452, 0.2929



60.9872, 0.2334, 0.2838



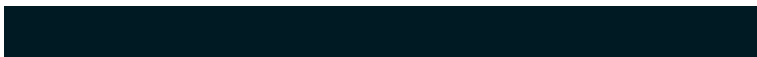
22.7300, 0.2325, 0.2217



11.5756, 0.2984, 0.3228



16.1176, 0.2005, 0.2419



0.8768, 0.2062, 0.2622

Previews

White Background



This preview shows how the Yxy color 28.8762, 0.4205, 0.3613 looks on a white background.

Color Contrast Check

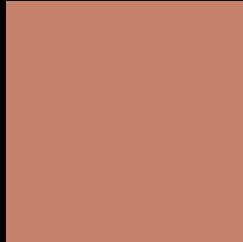
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8762, 0.4205, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

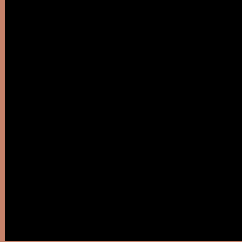
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8762, 0.4205, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 28.8762, 0.4205, 0.3613.



This preview shows how white text looks on a background with the Yxy color 28.8762, 0.4205, 0.3613.

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

28.8762, 0.4205, 0.3613

Protanopia

29.2278, 0.3577, 0.3827

Deuteranopia

29.0479, 0.3895, 0.3838



Tritanopia

28.8131, 0.3896, 0.3173

Trichromacy



Original Color

28.8762, 0.4205, 0.3613

Protanomaly

28.9462, 0.3808, 0.3755

Deuteranomaly

28.8563, 0.4001, 0.3750

Tritanomaly

28.6397, 0.4017, 0.3333

Monochromacy



Original Color

28.8762, 0.4205, 0.3613

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.7150, 0.3487, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8762, 0.4205, 0.3613 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(197, 130, 106)` looks like.

```
.text, #text, p{  
    color:rgb(197, 130, 106)  
}
```

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(197, 130, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 130, 106) }
```

Border

The CSS property to change the border of an element to Yxy 28.8762, 0.4205, 0.3613 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(197, 130, 106) }
```

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

```
.border{ border-color:rgb(197, 130, 106) }
```

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

Here you see how a box with a 4 pixel rgb(197, 130, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 130, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 130, 106);  
box-shadow:4px 4px 4px 4px rgb(197, 130,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8762, 0.4205, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 130, 106) }
```

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

```
.background{ background-color: rgb(197,  
130, 106) }
```

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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