

Converting Colors

$Y_{xy}(28.7097, 0.4189, 0.3547)$

Have a look what the booklet for
Yxy(28.7097, 0.4189, 0.3547)
contains.

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Color

Yxy(28.5482, 0.4194, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	C6806D
RGB	198, 128, 109
RGB Percent	78%, 50%, 43%
CMY	0.2236, 0.4980, 0.5726
CMYK	0.00, 0.35, 0.45, 0.22
HSL	13°, 44%, 60%
HSV	13°, 45%, 78%
XYZ	33.7651, 28.5482, 18.1948
YIQ	146.7640, 47.8190, 8.9310

Conversions

Conversions Part 2

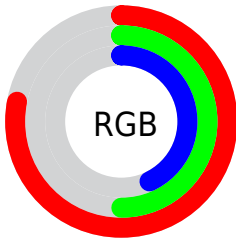
Format	Color
R _Y B	198, 133, 109
Decimal	13009005
CIE Lab	60.38, 24.89, 21.53
CIE LCh	60, 32.910, 40.861
Yxy	28.5482, 0.4194, 0.3546
Android (android.graphics.Color)	4291199085 (0xFFC6806D)
YUV	146.7640, -18.6177, 44.9340
Hunter-Lab	53.4305, 19.2987, 17.2112

Details

The Yxy color **28.5482, 0.4194, 0.3546** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.5519, 0.2480, 0.3008**, and the grayscale version is **29.1390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8810, 0.3953, 0.3503**, and **11.4484, 0.4568, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **24.4156, 0.4555, 0.3594**, and if you desaturate by 10%, it is **33.4026, 0.3880, 0.3489**.

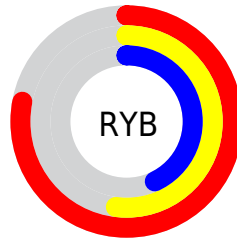
Distribution



Red (78%)

Green (50%)

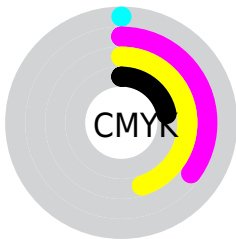
Blue (43%)



Red (78%)

Yellow (52%)

Blue (43%)

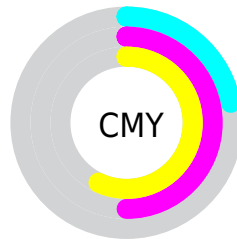


Cyan (0%)

Magenta (35%)

Yellow (45%)

Black (22%)



Cyan (22%)


Magenta (50%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5482, 0.4194, 0.3546 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 28.5482, 0.4194, 0.3546 by changing the saturation by 10% instead.

 28.5482, 0.4194,
0.3546


 28.5482, 0.4194,
0.3546


295.0772, 0.3613,
0.3431

 18.7393, 0.4354,
0.3567


 57.3585, 0.3971,
0.3509


 11.4821, 0.4569,
0.3588


 77.1287, 0.3891,
0.3494

 6.3921, 0.4868,
0.3602


 100.9881, 0.3825,
0.3480

 3.0849, 0.5305,
0.3588

 129.3211, 0.3769,
0.3468

 1.1762, 0.6325,
0.3675

162.5121, 0.3721,
0.3457

 0.0422, 0.9389,
0.0611

200.9456, 0.3680,

 0.0000, 0.0000,

0.3447

0.0000

245.0058, 0.3644,
0.3439

■ 28.5482, 0.4194,
0.3546

■ 28.5482, 0.4194,
0.3546

■ 24.4156, 0.4555,
0.3594

■ 33.4026, 0.3880,
0.3489

■ 20.9658, 0.4951,
0.3625

■ 39.0071, 0.3614,
0.3430

■ 18.1624, 0.5359,
0.3629


■ 45.3934, 0.3391,
0.3371

■ 15.9637, 0.5736,
0.3598


■ 52.5903, 0.3207,
0.3316

■ 14.3227, 0.6036,
0.3530

■ 60.6250, 0.3053,
0.3265

 13.6830, 0.6158,
0.3493

 69.5234, 0.2926,
0.3218

 79.3105, 0.2820,
0.3175

 89.1868, 0.2792,
0.3263

 90.7440, 0.2794,
0.3289

Harmonies

Analogous

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



28.5482, 0.3933, 0.3124



28.5482, 0.4194, 0.3546



28.5482, 0.4134, 0.3949

Triad

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



28.5482, 0.4194, 0.3546



28.5482, 0.2770, 0.3924



28.5482, 0.2447, 0.2434

Complementary

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



28.5482, 0.4194, 0.3546



39.5519, 0.2480, 0.3008

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.



28.5482, 0.2196, 0.2553



28.5482, 0.4194, 0.3546



28.5482, 0.2365, 0.3393

Square

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



28.5482, 0.4194, 0.3546



28.5482, 0.3292, 0.4243



28.5482, 0.2166, 0.2885



28.5482, 0.2888, 0.2513

Rectangle

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



28.5482, 0.4194, 0.3546



28.5482, 0.3933, 0.4157



28.5482, 0.2166, 0.2885



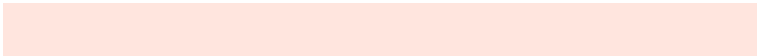
28.5482, 0.2340, 0.2451

Sweetspot

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



28.5496, 0.4194, 0.3546



82.5294, 0.3356, 0.3361



26.2415, 0.3375, 0.2393



17.0839, 0.3401, 0.3374



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.



28.5496, 0.4194, 0.3546



43.3369, 0.4549, 0.3594



42.3424, 0.3929, 0.4091



10.9984, 0.3284, 0.3340



9.0031, 0.6137, 0.3509



0.5354, 0.5728, 0.3834

Inverse Universe

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



39.5519, 0.2480, 0.3008



65.1785, 0.2364, 0.2935



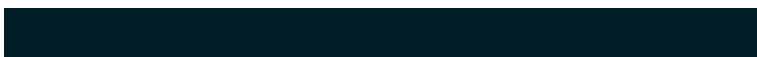
24.8474, 0.2361, 0.2322



11.6678, 0.2984, 0.3239



18.1715, 0.2054, 0.2594



0.9593, 0.2099, 0.2755

Previews

White Background



This preview shows how the Yxy color 28.5482, 0.4194, 0.3546 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 28.5482, 0.4194, 0.3546 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 28.5482, 0.4194, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 28.5482, 0.4194, 0.3546.



This preview shows how white text looks on a background with the Yxy color 28.5482, 0.4194, 0.3546.

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

28.5482, 0.4194, 0.3546

Protanopia

28.8107, 0.3517, 0.3752

Deuteranopia

28.7019, 0.3857, 0.3783



Tritanopia

28.4159, 0.3929, 0.3160

Trichromacy



Original Color

28.5482, 0.4194, 0.3546

Protanomaly

28.3381, 0.3762, 0.3668

Deuteranomaly

28.6361, 0.3973, 0.3694

Tritanomaly

28.2900, 0.4026, 0.3293

Monochromacy



Original Color

28.5482, 0.4194, 0.3546

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5566, 0.3490, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5482, 0.4194, 0.3546 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(198, 128, 109)` looks like.

```
.text, #text, p{  
  color:rgb(198, 128, 109)  
}
```

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(198, 128, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 128, 109) }
```

Border

The CSS property to change the border of an element to Yxy 28.5482, 0.4194, 0.3546 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(198, 128, 109) }
```

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

```
.border{ border-color:rgb(198, 128, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 128, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 128, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 128, 109);  
box-shadow:4px 4px 4px 4px rgb(198, 128,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5482, 0.4194, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 128, 109) }
```

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

```
.background{ background-color: rgb(198,  
128, 109) }
```

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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