

Converting Colors

$Y_{xy}(28.6766, 0.4108, 0.3490)$

Have a look what the booklet for
Yxy(28.6766, 0.4108, 0.3490)
contains.

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Color

Yxy(28.6512, 0.4105, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	C48172
RGB	196, 129, 114
RGB Percent	77%, 51%, 45%
CMY	0.2314, 0.4941, 0.5530
CMYK	0.00, 0.34, 0.42, 0.23
HSL	11°, 41%, 61%
HSV	11°, 42%, 77%
XYZ	33.6518, 28.6512, 19.6746
YIQ	147.3230, 44.7470, 9.5390

Conversions

Conversions Part 2

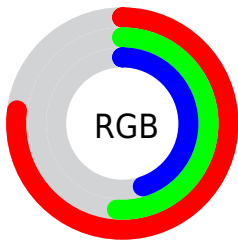
Format	Color
R_{YB}	196, 132, 114
Decimal	12878194
CIE _{Lab}	60.47, 24.10, 18.78
CIE _{LCh}	60, 30.551, 37.930
Yxy	28.6512, 0.4105, 0.3495
Android (android.graphics.Color)	4291068274 (0xFFC48172)
YUV	147.3230, -16.4282, 42.6897
Hunter-Lab	53.5268, 18.5495, 15.6758

Details

The Yxy color **28.6512, 0.4105, 0.3495** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6050, 0.2526, 0.3069**, and the grayscale version is **29.3744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4691, 0.3905, 0.3461**, and **11.5608, 0.4453, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **24.3599, 0.4461, 0.3539**, and if you desaturate by 10%, it is **33.7020, 0.3799, 0.3445**.

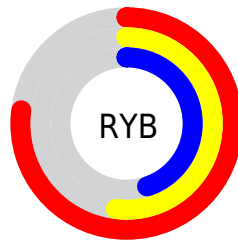
Distribution



Red (77%)

Green (51%)

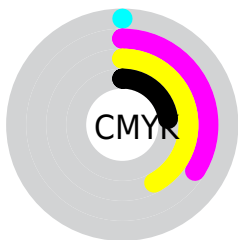
Blue (45%)



Red (77%)

Yellow (52%)

Blue (45%)

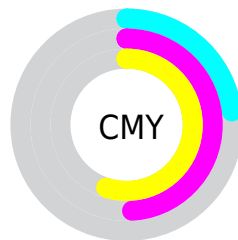


Cyan (0%)

Magenta (34%)

Yellow (42%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6512, 0.4105, 0.3495 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 28.6512, 0.4105, 0.3495 by changing the saturation by 10% instead.


 28.6512, 0.4105,
0.3495


 28.6512, 0.4105,
0.3495


295.5656, 0.3572,
0.3403

 18.8171, 0.4253,
0.3512


 57.5224, 0.3900,
0.3466


 11.5382, 0.4452,
0.3528


 77.3284, 0.3827,
0.3453

 6.4301, 0.4731,
0.3540


 101.2271, 0.3766,
0.3442

 3.1083, 0.5145,
0.3529

 129.6030, 0.3715,
0.3433

 1.1885, 0.6281,
0.3719

162.8403, 0.3671,
0.3424

 0.0523, 0.9242,
0.0758

201.3236, 0.3633,

 0.0000, 0.0000,

0.3416

0.0000

245.4373, 0.3601,
0.3410

■ 28.6512, 0.4105,
0.3495

■ 28.6512, 0.4105,
0.3495

■ 24.3599, 0.4461,
0.3539

■ 33.7020, 0.3799,
0.3445

■ 20.7869, 0.4860,
0.3570

■ 39.5423, 0.3543,
0.3394

■ 17.8938, 0.5280,
0.3579


■ 46.2058, 0.3331,
0.3345


■ 15.6363, 0.5681,
0.3559

■ 53.7228, 0.3156,
0.3298


■ 13.9651, 0.6012,
0.3505

■ 62.1222, 0.3011,
0.3255

 12.9899, 0.6212,
0.3450

 71.4315, 0.2891,
0.3216

 81.6769, 0.2792,
0.3181

 90.4755, 0.2784,
0.3289

Harmonies

Analogous

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



28.6512, 0.3836, 0.3101



28.6512, 0.4105, 0.3495



28.6512, 0.4082, 0.3875

Triad

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



28.6512, 0.4105, 0.3495



28.6512, 0.2842, 0.3915



28.6512, 0.2462, 0.2493

Complementary

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



28.6512, 0.4105, 0.3495



40.6050, 0.2526, 0.3069

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.



28.6512, 0.2245, 0.2627



28.6512, 0.4105, 0.3495



28.6512, 0.2448, 0.3438

Square

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



28.6512, 0.4105, 0.3495



28.6512, 0.3333, 0.4182



28.6512, 0.2239, 0.2958



28.6512, 0.2860, 0.2548

Rectangle

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



28.6512, 0.4105, 0.3495



28.6512, 0.3912, 0.4075



28.6512, 0.2239, 0.2958



28.6512, 0.2367, 0.2516

Sweetspot

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



28.6526, 0.4105, 0.3495



81.9678, 0.3358, 0.3351



27.1603, 0.3323, 0.2422



16.9469, 0.3403, 0.3362



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.



28.6526, 0.4105, 0.3495



44.8870, 0.4421, 0.3535



41.2013, 0.3880, 0.4004



10.3695, 0.3284, 0.3333



8.4396, 0.6192, 0.3466



0.4575, 0.5782, 0.3791

Inverse Universe

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



40.6050, 0.2526, 0.3069



69.2927, 0.2419, 0.3013



26.7097, 0.2425, 0.2447



11.1047, 0.2984, 0.3247



18.8586, 0.2084, 0.2700



0.8983, 0.2124, 0.2846

Previews

White Background



This preview shows how the Yxy color 28.6512, 0.4105, 0.3495 looks on a white background.

Color Contrast Check

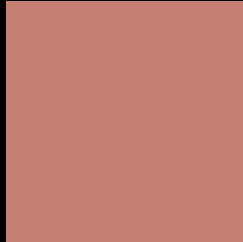
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6512, 0.4105, 0.3495 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 28.6512, 0.4105, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 28.6512, 0.4105, 0.3495.



This preview shows how white text looks on a background with the Yxy color 28.6512, 0.4105, 0.3495.

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

28.6512, 0.4105, 0.3495

Protanopia

28.8329, 0.3455, 0.3673

Deuteranopia

28.6967, 0.3791, 0.3711



Tritanopia

28.6767, 0.3885, 0.3172

Trichromacy



Original Color

28.6512, 0.4105, 0.3495

Protanomaly

28.5231, 0.3679, 0.3610

Deuteranomaly

28.6243, 0.3905, 0.3624

Tritanomaly

28.5814, 0.3968, 0.3293

Monochromacy



Original Color

28.6512, 0.4105, 0.3495

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5048, 0.3457, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6512, 0.4105, 0.3495 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(196, 129, 114)` looks like.

```
.text, #text, p{  
    color:rgb(196, 129, 114)  
}
```

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(196, 129, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 129, 114) }
```

Border

The CSS property to change the border of an element to Yxy 28.6512, 0.4105, 0.3495 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(196, 129, 114) }
```

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

```
.border{ border-color:rgb(196, 129, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 129, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 129, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 129, 114);  
box-shadow:4px 4px 4px 4px rgb(196, 129,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6512, 0.4105, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 129, 114) }
```

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

```
.background{ background-color: rgb(196,  
129, 114) }
```

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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