

Converting Colors

$Y_{xy}(28.5512, 0.3766, 0.3038)$

Have a look what the booklet for
Yxy(28.5512, 0.3766, 0.3038)
contains.

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Color

Yxy(28.5512, 0.3766, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	C57D90
RGB	197, 125, 144
RGB Percent	77%, 49%, 56%
CMY	0.2275, 0.5098, 0.4352
CMYK	0.00, 0.37, 0.27, 0.23
HSL	344°, 38%, 63%
HSV	344°, 37%, 77%
XYZ	35.3930, 28.5512, 30.0361
YIQ	148.6940, 36.8130, 21.1730

Conversions

Conversions Part 2

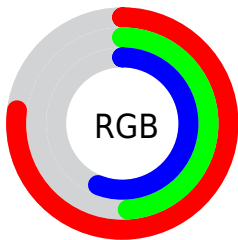
Format	Color
R_{YB}	197, 125, 144
Decimal	12942736
CIE _{Lab}	60.38, 30.48, 1.50
CIE _{LCh}	60, 30.516, 2.820
Yxy	28.5512, 0.3766, 0.3038
Android (android.graphics.Color)	4291132816 (0xFFC57D90)
YUV	148.6940, -2.3141, 42.3644
Hunter-Lab	53.4333, 24.7258, 4.0751

Details

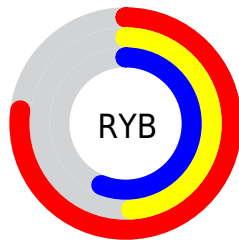
The Yxy color **28.5512, 0.3766, 0.3038** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5037, 0.2735, 0.3563**, and the grayscale version is **29.9191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1780, 0.3632, 0.3083**, and **11.5030, 0.3978, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **23.6342, 0.4035, 0.2971**, and if you desaturate by 10%, it is **34.5170, 0.3542, 0.3109**.

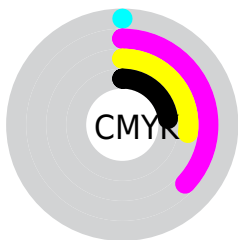
Distribution



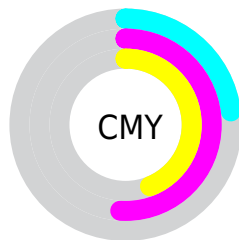
- Red (77%)
- Green (49%)
- Blue (56%)



- Red (77%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5512, 0.3766, 0.3038 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 28.5512, 0.3766, 0.3038 by changing the saturation by 10% instead.


 28.5512, 0.3766,
0.3038


 28.5512, 0.3766,
0.3038


295.0915, 0.3420,
0.3176


 18.7416, 0.3862,
0.2999


 57.3633, 0.3633,
0.3091

 11.4837, 0.3992,
0.2946


 77.1345, 0.3586,
0.3110

 6.3932, 0.4176,
0.2871


 100.9950, 0.3546,
0.3126

 3.0856, 0.4459,
0.2753

129.3293, 0.3513,
0.3139

 1.1766, 0.4940,
0.2549

162.5217, 0.3485,
0.3150

 0.0425, 0.9487,
0.0513

200.9566, 0.3460,

 0.0000, 0.0000,

0.3160

0.0000

245.0184, 0.3439,
0.3169

■ 28.5512, 0.3766,
0.3038

■ 28.5512, 0.3766,
0.3038

■ 23.6342, 0.4035,
0.2971

■ 34.5170, 0.3542,
0.3109

■ 19.7009, 0.4352,
0.2915

■ 41.5834, 0.3359,
0.3180

■ 16.6854, 0.4710,
0.2879


■ 49.8039, 0.3209,
0.3248

■ 14.5121, 0.5091,
0.2876


■ 59.2269, 0.3088,
0.3311

■ 13.0927, 0.5466,
0.2914

■ 69.8985, 0.2989,
0.3370

 12.3129, 0.5794,
0.2993

 81.8621, 0.2909,
0.3423

 12.1174, 0.5896,
0.3021

 90.0126, 0.2837,
0.3390

 90.6094, 0.2789,
0.3289

Harmonies

Analogous

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



28.5512, 0.3278, 0.2719



28.5512, 0.3766, 0.3038



28.5512, 0.4079, 0.3427

Triad

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



28.5512, 0.3766, 0.3038



28.5512, 0.3417, 0.4197



28.5512, 0.2229, 0.2670

Complementary

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



28.5512, 0.3766, 0.3038



47.5037, 0.2735, 0.3563

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.



28.5512, 0.2260, 0.3032



28.5512, 0.3766, 0.3038



28.5512, 0.2922, 0.3980

Square

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



28.5512, 0.3766, 0.3038



28.5512, 0.3855, 0.4112



28.5512, 0.2504, 0.3525



28.5512, 0.2411, 0.2502

Rectangle

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



28.5512, 0.3766, 0.3038



28.5512, 0.4131, 0.3691



28.5512, 0.2504, 0.3525



28.5512, 0.2215, 0.2770

Sweetspot

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



28.5526, 0.3766, 0.3038



82.1318, 0.3275, 0.3217



28.1410, 0.2971, 0.2341



17.1478, 0.3295, 0.3208



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.



28.5526, 0.3766, 0.3038



43.8398, 0.3981, 0.2983



32.6380, 0.3919, 0.3517



10.6822, 0.3249, 0.3229



7.9827, 0.5863, 0.3003



0.3903, 0.5249, 0.2665

Inverse Universe

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



28.5526, 0.3766, 0.3038



43.8398, 0.3981, 0.2983



41.1133, 0.2586, 0.3047



10.6822, 0.3249, 0.3229



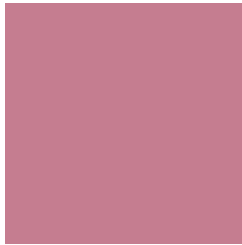
7.9827, 0.5863, 0.3003



0.3903, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 28.5512, 0.3766, 0.3038 looks on a white background.

Color Contrast Check

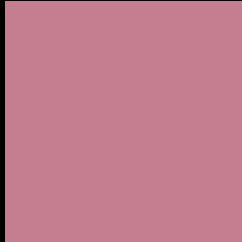
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5512, 0.3766, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

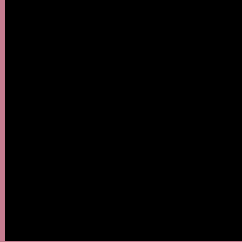
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5512, 0.3766, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 28.5512, 0.3766, 0.3038.

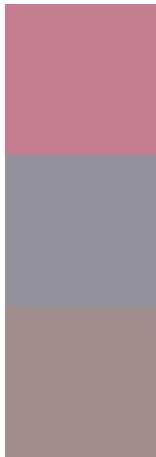


This preview shows how white text looks on a background with the Yxy color 28.5512, 0.3766, 0.3038.

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

28.5512, 0.3766, 0.3038

Protanopia

28.7621, 0.3032, 0.3117

Deuteranopia

28.6542, 0.3357, 0.3291



Tritanopia

28.4350, 0.3850, 0.3157

Trichromacy



Original Color

28.5512, 0.3766, 0.3038

Protanomaly

28.4433, 0.3279, 0.3081

Deuteranomaly

28.3949, 0.3507, 0.3189

Tritanomaly

28.5216, 0.3813, 0.3117

Monochromacy



Original Color

28.5512, 0.3766, 0.3038

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9697, 0.3340, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5512, 0.3766, 0.3038 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, 125, 144)` looks like.

```
.text, #text, p{  
    color:rgb(197, 125, 144)  
}
```

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, 125, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 125, 144) }
```

Border

The CSS property to change the border of an element to Yxy 28.5512, 0.3766, 0.3038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

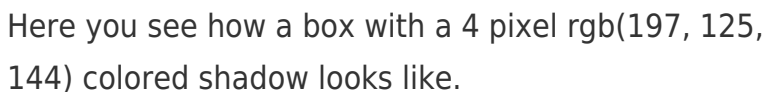
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 125, 144) }
```

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

```
.border{ border-color:rgb(197, 125, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 125, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 125, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 125, 144);  
box-shadow:4px 4px 4px 4px rgb(197, 125,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5512, 0.3766, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 125, 144) }
```

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

```
.background{ background-color: rgb(197,  
125, 144) }
```

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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