

Converting Colors

$Y_{xy}(28.1180, 0.3929, 0.3323)$

Have a look what the booklet for
Yxy(28.1180, 0.3929, 0.3323)
contains.

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Color

Yxy(28.1512, 0.3918, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	C0807E
RGB	192, 128, 126
RGB Percent	75%, 50%, 49%
CMY	0.2471, 0.4980, 0.5059
CMYK	0.00, 0.33, 0.34, 0.25
HSL	2°, 34%, 62%
HSV	2°, 34%, 75%
XYZ	33.2218, 28.1512, 23.4198
YIQ	146.9080, 38.7860, 12.9460

Conversions

Conversions Part 2

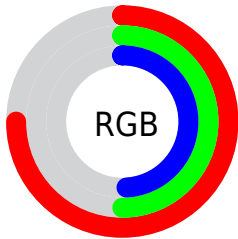
Format	Color
R _Y B	192, 128, 126
Decimal	12615806
CIE Lab	60.03, 24.51, 11.25
CIE LCh	60, 26.970, 24.645
Yxy	28.1512, 0.3918, 0.3320
Android (android.graphics.Color)	4290805886 (0xFFC0807E)
YUV	146.9080, -10.3076, 39.5457
Hunter-Lab	53.0577, 18.9159, 10.9697

Details

The Yxy color **28.1512, 0.3918, 0.3320** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0593, 0.2643, 0.3260**, and the grayscale version is **29.1696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6264, 0.3750, 0.3313**, and **11.3030, 0.4214, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **23.2847, 0.4273, 0.3329**, and if you desaturate by 10%, it is **34.0063, 0.3625, 0.3311**.

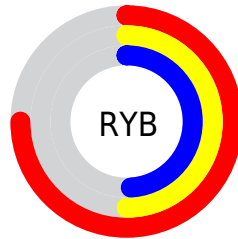
Distribution



Red (75%)

Green (50%)

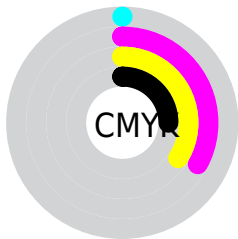
Blue (49%)



Red (75%)

Yellow (50%)

Blue (49%)

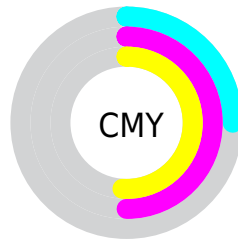


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1512, 0.3918, 0.3320 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 28.1512, 0.3918, 0.3320 by changing the saturation by 10% instead.


 28.1512, 0.3918,
0.3320

 28.1512, 0.3918,
0.3320


293.1887, 0.3485,
0.3315

 18.4397, 0.4040,
0.3317


 56.7257, 0.3751,
0.3321

 11.2661, 0.4204,
0.3310


 76.3576, 0.3691,
0.3320

 6.2461, 0.4440,
0.3293


 100.0649, 0.3642,
0.3319

 2.9953, 0.4801,
0.3254

128.2322, 0.3601,
0.3319

 1.1293, 0.5559,
0.3233

161.2438, 0.3565,
0.3317

 0.0028, 0.9954,
0.0046

199.4842, 0.3535,

 0.0000, 0.0000,

0.3316

0.0000

243.3377, 0.3509,
0.3316

■ 28.1512, 0.3918,
0.3320

■ 28.1512, 0.3918,
0.3320

■ 23.2847, 0.4273,
0.3329

■ 34.0063, 0.3625,
0.3311

■ 19.3484, 0.4690,
0.3336

■ 40.8959, 0.3389,
0.3302

■ 16.2843, 0.5152,
0.3340

■ 48.8681, 0.3198,
0.3293

■ 14.0260, 0.5616,
0.3339

■ 57.9667, 0.3045,
0.3286


■ 12.4979, 0.6016,
0.3331

■ 68.2332, 0.2922,
0.3279

 11.6096, 0.6284,
0.3318

 79.7067, 0.2821,
0.3273

 11.3327, 0.6380,
0.3316

 89.9456, 0.2762,
0.3289

Harmonies

Analogous

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



28.1512, 0.3586, 0.2979



28.1512, 0.3918, 0.3320



28.1512, 0.4017, 0.3676

Triad

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



28.1512, 0.3918, 0.3320



28.1512, 0.3067, 0.3975



28.1512, 0.2423, 0.2609

Complementary

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



28.1512, 0.3918, 0.3320



45.0593, 0.2643, 0.3260

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.



28.1512, 0.2309, 0.2813



28.1512, 0.3918, 0.3320



28.1512, 0.2662, 0.3620

Square

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



28.1512, 0.3918, 0.3320



28.1512, 0.3506, 0.4097



28.1512, 0.2392, 0.3178



28.1512, 0.2716, 0.2582

Rectangle

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



28.1512, 0.3918, 0.3320



28.1512, 0.3938, 0.3884



28.1512, 0.2392, 0.3178



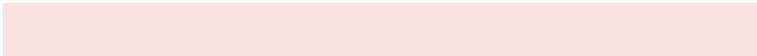
28.1512, 0.2364, 0.2657

Sweetspot

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



28.1526, 0.3918, 0.3320



79.9514, 0.3303, 0.3298



29.8832, 0.3178, 0.2461



16.7223, 0.3331, 0.3299



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1526, 0.3918, 0.3320



44.4197, 0.4170, 0.3327



37.8863, 0.3771, 0.3750



10.1260, 0.3288, 0.3298



7.6471, 0.6375, 0.3320



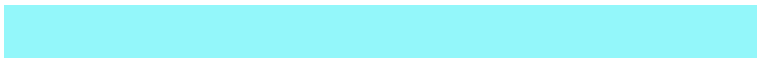
0.3478, 0.6279, 0.3396

Inverse Universe

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



45.0593, 0.2643, 0.3260



79.5238, 0.2558, 0.3253



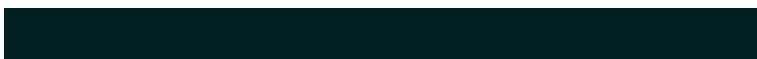
32.6587, 0.2580, 0.2778



11.3740, 0.2984, 0.3282



26.2541, 0.2221, 0.3195



1.1512, 0.2227, 0.3217

Previews

White Background



This preview shows how the Yxy color 28.1512, 0.3918, 0.3320 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 28.1512, 0.3918, 0.3320 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 28.1512, 0.3918, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 28.1512, 0.3918, 0.3320.



This preview shows how white text looks on a background with the Yxy color 28.1512, 0.3918, 0.3320.

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

28.1512, 0.3918, 0.3320

Protanopia

28.1798, 0.3282, 0.3435

Deuteranopia

28.4269, 0.3601, 0.3535



Tritanopia

28.0367, 0.3815, 0.3155

Trichromacy



Original Color

28.1512, 0.3918, 0.3320

Protanomaly

27.8422, 0.3496, 0.3383

Deuteranomaly

28.3191, 0.3709, 0.3454

Tritanomaly

28.1821, 0.3860, 0.3224

Monochromacy



Original Color

28.1512, 0.3918, 0.3320

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.4068, 0.3392, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1512, 0.3918, 0.3320 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(192, 128, 126)` looks like.

```
.text, #text, p{  
    color:rgb(192, 128, 126)  
}
```

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(192, 128, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 128, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.1512, 0.3918, 0.3320 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(192, 128, 126) }
```

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

```
.border{ border-color:rgb(192, 128, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 128, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 128, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 128, 126);  
box-shadow:4px 4px 4px 4px rgb(192, 128,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1512, 0.3918, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 128, 126) }
```

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

```
.background{ background-color: rgb(192,  
128, 126) }
```

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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