

Converting Colors

$Y_{xy}(28.7429, 0.3803, 0.3220)$

Have a look what the booklet for
Yxy(28.7429, 0.3803, 0.3220)
contains.

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Color

Yxy(28.6563, 0.3804, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	C08187
RGB	192, 129, 135
RGB Percent	75%, 51%, 53%
CMY	0.2471, 0.4941, 0.4707
CMYK	0.00, 0.33, 0.30, 0.25
HSL	354°, 33%, 63%
HSV	354°, 33%, 75%
XYZ	33.9591, 28.6563, 26.6566
YIQ	148.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

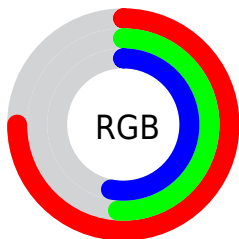
Format	Color
R_{YB}	192, 129, 135
Decimal	12616071
CIE _{Lab}	60.48, 25.15, 6.74
CIE _{LCh}	60, 26.039, 15.005
Yxy	28.6563, 0.3804, 0.3210
Android (android.graphics.Color)	4290806151 (0xFFC08187)
YUV	148.5210, -6.6659, 38.1311
Hunter-Lab	53.5316, 19.5555, 7.9480

Details

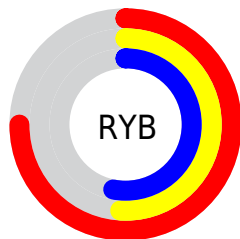
The Yxy color **28.6563, 0.3804, 0.3210** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9095, 0.2702, 0.3374**, and the grayscale version is **29.8611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4107, 0.3667, 0.3228**, and **11.5662, 0.4056, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **23.6154, 0.4120, 0.3186**, and if you desaturate by 10%, it is **34.7301, 0.3545, 0.3235**.

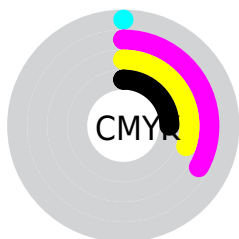
Distribution



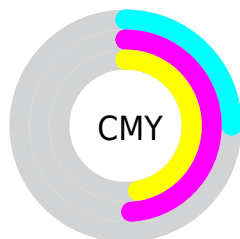
- Red (75%)
- Green (51%)
- Blue (53%)



- Red (75%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (25%)





- Cyan (25%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6563, 0.3804, 0.3210 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 28.6563, 0.3804, 0.3210 by changing the saturation by 10% instead.


 28.6563, 0.3804,
0.3210


 28.6563, 0.3804,
0.3210


295.5898, 0.3435,
0.3260

 18.8210, 0.3907,
0.3194


 57.5306, 0.3662,
0.3231

 11.5410, 0.4047,
0.3170


 77.3383, 0.3611,
0.3238

 6.4320, 0.4246,
0.3133


 101.2389, 0.3569,
0.3243

 3.1095, 0.4553,
0.3069

129.6169, 0.3534,
0.3248

 1.1892, 0.5091,
0.2947

162.8566, 0.3504,
0.3251

 0.0528, 0.9263,
0.0737

201.3424, 0.3478,

 0.0000, 0.0000,

0.3255

0.0000

245.4586, 0.3455,
0.3257

■ 28.6563, 0.3804,
0.3210

■ 28.6563, 0.3804,
0.3210

■ 23.6154, 0.4120,
0.3186

■ 34.7301, 0.3545,
0.3235

■ 19.5460, 0.4497,
0.3167

■ 41.8856, 0.3336,
0.3260

■ 16.3868, 0.4925,
0.3156


■ 50.1732, 0.3168,
0.3284


■ 14.0677, 0.5376,
0.3159


■ 59.6391, 0.3033,
0.3305


■ 12.5081, 0.5799,
0.3179

■ 70.3269, 0.2924,
0.3325

 11.6119, 0.6132,
0.3217

 82.2780, 0.2835,
0.3343

 11.2497, 0.6296,
0.3242

 89.9454, 0.2762,
0.3289

Harmonies

Analogous

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



28.6563, 0.3435, 0.2899



28.6563, 0.3804, 0.3210



28.6563, 0.3978, 0.3556

Triad

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



28.6563, 0.3804, 0.3210



28.6563, 0.3208, 0.4011



28.6563, 0.2394, 0.2680

Complementary

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



28.6563, 0.3804, 0.3210



45.9095, 0.2702, 0.3374

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.



28.6563, 0.2345, 0.2931



28.6563, 0.3804, 0.3210



28.6563, 0.2796, 0.3732

Square

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



28.6563, 0.3804, 0.3210



28.6563, 0.3616, 0.4048



28.6563, 0.2486, 0.3318



28.6563, 0.2625, 0.2599

Rectangle

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



28.6563, 0.3804, 0.3210



28.6563, 0.3956, 0.3772



28.6563, 0.2486, 0.3318



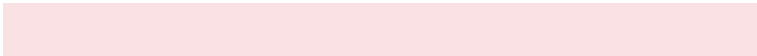
28.6563, 0.2357, 0.2745

Sweetspot

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



28.6577, 0.3804, 0.3210



79.6688, 0.3288, 0.3267



29.9096, 0.3100, 0.2470



16.6546, 0.3314, 0.3263



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.



28.6577, 0.3804, 0.3210



45.5021, 0.4013, 0.3193



35.9690, 0.3766, 0.3633



10.0931, 0.3274, 0.3268



7.5759, 0.6278, 0.3232



0.3327, 0.5890, 0.3019

Inverse Universe

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



28.6577, 0.3804, 0.3210



45.5021, 0.4013, 0.3193



36.0374, 0.2619, 0.2918



10.0931, 0.3274, 0.3268



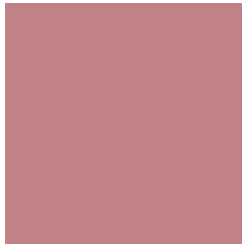
7.5759, 0.6278, 0.3232



0.3327, 0.5890, 0.3019

Previews

White Background



This preview shows how the Yxy color 28.6563, 0.3804, 0.3210 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 28.6563, 0.3804, 0.3210 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 28.6563, 0.3804, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 28.6563, 0.3804, 0.3210.



This preview shows how white text looks on a background with the Yxy color 28.6563, 0.3804, 0.3210.

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

28.6563, 0.3804, 0.3210

Protanopia

28.9609, 0.3178, 0.3322

Deuteranopia

28.7425, 0.3476, 0.3413



Tritanopia

28.4798, 0.3771, 0.3155

Trichromacy



Original Color

28.6563, 0.3804, 0.3210

Protanomaly

28.6786, 0.3393, 0.3276

Deuteranomaly

28.7265, 0.3591, 0.3336

Tritanomaly

28.4510, 0.3784, 0.3169

Monochromacy



Original Color

28.6563, 0.3804, 0.3210

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3590, 0.3357, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6563, 0.3804, 0.3210 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, 129, 135)` looks like.

```
.text, #text, p{  
    color:rgb(192, 129, 135)  
}
```

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, 129, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 129, 135) }
```

Border

The CSS property to change the border of an element to Yxy 28.6563, 0.3804, 0.3210 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, 129, 135) }
```

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

```
.border{ border-color:rgb(192, 129, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 129, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 129, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 129, 135);  
box-shadow:4px 4px 4px 4px rgb(192, 129,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6563, 0.3804, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 129, 135) }
```

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

```
.background{ background-color: rgb(192,  
129, 135) }
```

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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