

Converting Colors

$Y_{xy}(28.0247, 0.4210, 0.3531)$

Have a look what the booklet for
Yxy(28.0247, 0.4210, 0.3531)
contains.

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Color

Yxy(28.0102, 0.4219, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	C67E6C
RGB	198, 126, 108
RGB Percent	78%, 49%, 42%
CMY	0.2235, 0.5059, 0.5764
CMYK	0.00, 0.36, 0.45, 0.22
HSL	12°, 44%, 60%
HSV	12°, 45%, 78%
XYZ	33.4584, 28.0102, 17.8355
YIQ	145.4760, 48.6900, 9.6660

Conversions

Conversions Part 2

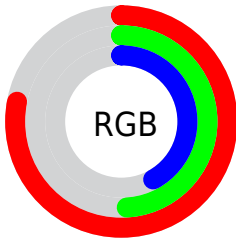
Format	Color
R _Y B	198, 131, 108
Decimal	13008492
CIE Lab	59.90, 25.89, 21.43
CIE LCh	60, 33.611, 39.608
Yxy	28.0102, 0.4219, 0.3532
Android (android.graphics.Color)	4291198572 (0xFFC67E6C)
YUV	145.4760, -18.4757, 46.0635
Hunter-Lab	52.9247, 20.2276, 17.0667

Details

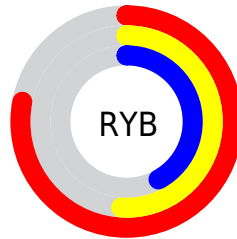
The Yxy color **28.0102, 0.4219, 0.3532** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.9195, 0.2477, 0.3023**, and the grayscale version is **28.5824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0383, 0.3970, 0.3492**, and **11.1578, 0.4609, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **23.9005, 0.4587, 0.3576**, and if you desaturate by 10%, it is **32.8602, 0.3899, 0.3479**.

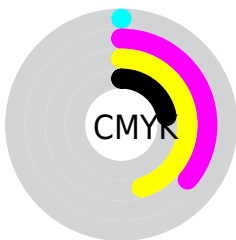
Distribution



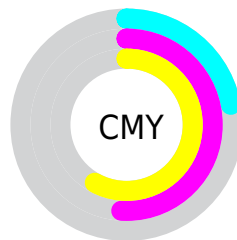
- Red (78%)
- Green (49%)
- Blue (42%)



- Red (78%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (22%)





- Cyan (22%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0102, 0.4219, 0.3532 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 28.0102, 0.4219, 0.3532 by changing the saturation by 10% instead.


 28.0102, 0.4219,
0.3532


 28.0102, 0.4219,
0.3532


292.5157, 0.3622,
0.3425

 18.3333, 0.4384,
0.3551


 56.5007, 0.3990,
0.3498

 11.1896, 0.4606,
0.3567


 76.0832, 0.3908,
0.3484

 6.1945, 0.4915,
0.3575

 99.7363, 0.3839,
0.3471

 2.9637, 0.5370,
0.3551

 127.8445, 0.3782,
0.3460

 1.1128, 0.6399,
0.3601

160.7921, 0.3733,
0.3450

 0.0000, 1.0000,
0.0000


198.9636, 0.3691,


 0.0000, 0.0000,

0.3441


0.0000


242.7433, 0.3654,
0.3433


 28.0102, 0.4219,
0.3532

 28.0102, 0.4219,
0.3532


 23.9005, 0.4587,
0.3576


 32.8602, 0.3899,
0.3479


 20.4902, 0.4990,
0.3603


 38.4804, 0.3628,
0.3424


 17.7407, 0.5403,
0.3604


 44.9041, 0.3402,
0.3369

 15.6080, 0.5781,
0.3571


 52.1615, 0.3215,
0.3317


 14.0419, 0.6075,
0.3504

 60.2811, 0.3060,
0.3269

 13.4951, 0.6184,
0.3472

 69.2901, 0.2932,
0.3224

 79.2145, 0.2825,
0.3184

 89.3213, 0.2793,
0.3265

 90.7466, 0.2794,
0.3289

Harmonies

Analogous

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



28.0102, 0.3938, 0.3101



28.0102, 0.4219, 0.3532



28.0102, 0.4170, 0.3948

Triad

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



28.0102, 0.4219, 0.3532



28.0102, 0.2780, 0.3963



28.0102, 0.2414, 0.2413

Complementary

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



28.0102, 0.4219, 0.3532



39.9195, 0.2477, 0.3023

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.



28.0102, 0.2167, 0.2543



28.0102, 0.4219, 0.3532



28.0102, 0.2359, 0.3419

Square

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



28.0102, 0.4219, 0.3532



28.0102, 0.3318, 0.4278



28.0102, 0.2146, 0.2892



28.0102, 0.2859, 0.2487

Rectangle

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



28.0102, 0.4219, 0.3532



28.0102, 0.3970, 0.4168



28.0102, 0.2146, 0.2892



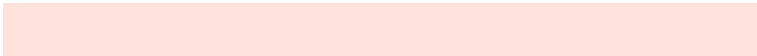
28.0102, 0.2308, 0.2433

Sweetspot

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



28.0116, 0.4219, 0.3532



81.0191, 0.3377, 0.3362



26.0929, 0.3361, 0.2367



16.7731, 0.3422, 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.



28.0116, 0.4219, 0.3532



42.0694, 0.4601, 0.3578



41.6560, 0.3947, 0.4082



10.9745, 0.3285, 0.3337



8.8739, 0.6163, 0.3488



0.5246, 0.5764, 0.3805

Inverse Universe

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



39.9195, 0.2477, 0.3023



65.7725, 0.2358, 0.2951



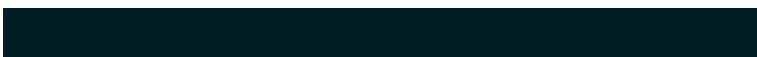
25.0206, 0.2356, 0.2334



11.6936, 0.2984, 0.3243



18.7740, 0.2067, 0.2642



0.9832, 0.2109, 0.2792

Previews

White Background



This preview shows how the Yxy color 28.0102, 0.4219, 0.3532 looks on a white background.

Color Contrast Check

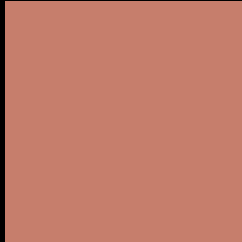
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0102, 0.4219, 0.3532 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 28.0102, 0.4219, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 28.0102, 0.4219, 0.3532.



This preview shows how white text looks on a background with the Yxy color 28.0102, 0.4219, 0.3532.

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

28.0102, 0.4219, 0.3532

Protanopia

28.0775, 0.3523, 0.3740

Deuteranopia

28.1638, 0.3850, 0.3788



Tritanopia

28.1112, 0.3959, 0.3173

Trichromacy



Original Color

28.0102, 0.4219, 0.3532

Protanomaly

27.6296, 0.3771, 0.3655

Deuteranomaly

27.9355, 0.3985, 0.3682

Tritanomaly

27.9875, 0.4056, 0.3306

Monochromacy



Original Color

28.0102, 0.4219, 0.3532

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7354, 0.3484, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0102, 0.4219, 0.3532 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, 126, 108)` looks like.

```
.text, #text, p{  
    color:rgb(198, 126, 108)  
}
```

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, 126, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 126, 108) }
```

Border

The CSS property to change the border of an element to Yxy 28.0102, 0.4219, 0.3532 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, 126, 108) }
```

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

```
.border{ border-color:rgb(198, 126, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 126, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 126, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 126, 108); box-shadow:4px 4px 4px 4px rgb(198, 126, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0102, 0.4219, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 126, 108) }
```

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

```
.background{ background-color: rgb(198,  
126, 108) }
```

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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