

Converting Colors

$Y_{xy}(28.1608, 0.4181, 0.3532)$

Have a look what the booklet for
Yxy(28.1608, 0.4181, 0.3532)
contains.

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Color

Yxy(28.1532, 0.4189, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	C57F6D
RGB	197, 127, 109
RGB Percent	77%, 50%, 43%
CMY	0.2275, 0.5019, 0.5726
CMYK	0.00, 0.36, 0.45, 0.23
HSL	12°, 43%, 60%
HSV	12°, 45%, 77%
XYZ	33.3712, 28.1532, 18.1395
YIQ	145.8780, 47.4980, 9.2420

Conversions

Conversions Part 2

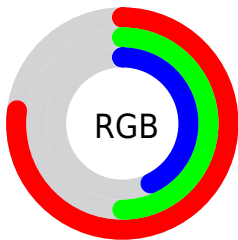
Format	Color
R _Y B	197, 132, 109
Decimal	12943213
CIE Lab	60.03, 25.03, 21.03
CIE LCh	60, 32.695, 40.037
Yxy	28.1532, 0.4189, 0.3534
Android (android.graphics.Color)	4291133293 (0xFFC57F6D)
YUV	145.8780, -18.1809, 44.8340
Hunter-Lab	53.0596, 19.4111, 16.8723

Details

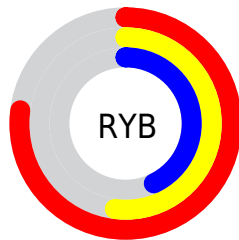
The Yxy color **28.1532, 0.4189, 0.3534** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.5010, 0.2486, 0.3022**, and the grayscale version is **28.7538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4757, 0.3957, 0.3492**, and **11.2201, 0.4564, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **24.0403, 0.4551, 0.3580**, and if you desaturate by 10%, it is **32.9929, 0.3874, 0.3479**.

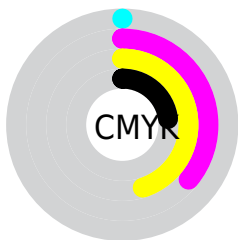
Distribution



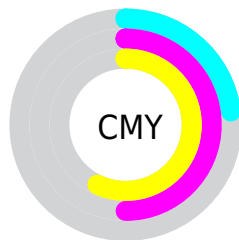
- Red (77%)
- Green (50%)
- Blue (43%)



- Red (77%)
- Yellow (52%)
- Blue (43%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1532, 0.4189, 0.3534 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 28.1532, 0.4189, 0.3534 by changing the saturation by 10% instead.


 28.1532, 0.4189,
0.3534

 28.1532, 0.4189,
0.3534


293.1982, 0.3609,
0.3425


 18.4412, 0.4350,
0.3554


 56.7289, 0.3966,
0.3499

 11.2672, 0.4565,
0.3573


 76.3614, 0.3886,
0.3484

 6.2468, 0.4866,
0.3584


 100.0696, 0.3820,
0.3471

 2.9958, 0.5309,
0.3567

 128.2377, 0.3764,
0.3460

 1.1295, 0.6349,
0.3651

161.2502, 0.3717,
0.3450

 0.0030, 0.9952,
0.0048


199.4916, 0.3676,


 0.0000, 0.0000,


0.3440


0.0000


243.3461, 0.3640,
0.3432

 28.1532, 0.4189,
0.3534


 28.1532, 0.4189,
0.3534


 24.0403, 0.4551,
0.3580


 32.9929, 0.3874,
0.3479


 20.6145, 0.4951,
0.3610


 38.5880, 0.3608,
0.3422


 17.8389, 0.5362,
0.3614


 44.9710, 0.3386,
0.3366


 15.6709, 0.5743,
0.3584

 52.1707, 0.3202,
0.3313

 14.0628, 0.6046,
0.3518

 60.2150, 0.3049,
0.3264

 13.4096, 0.6174,
0.3480

 69.1302, 0.2923,
0.3219

 78.9413, 0.2817,
0.3179

 88.9047, 0.2787,
0.3261

 90.6076, 0.2789,
0.3289

Harmonies

Analogous

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



28.1532, 0.3920, 0.3113



28.1532, 0.4189, 0.3534



28.1532, 0.4138, 0.3938

Triad

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



28.1532, 0.4189, 0.3534



28.1532, 0.2784, 0.3935



28.1532, 0.2438, 0.2436

Complementary

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



28.1532, 0.4189, 0.3534



39.5010, 0.2486, 0.3022

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.



28.1532, 0.2194, 0.2561



28.1532, 0.4189, 0.3534



28.1532, 0.2375, 0.3408

Square

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



28.1532, 0.4189, 0.3534



28.1532, 0.3307, 0.4245



28.1532, 0.2170, 0.2898



28.1532, 0.2875, 0.2510

Rectangle

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



28.1532, 0.4189, 0.3534



28.1532, 0.3942, 0.4148



28.1532, 0.2170, 0.2898



28.1532, 0.2333, 0.2454

Sweetspot

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



28.1546, 0.4189, 0.3534



82.3668, 0.3357, 0.3358



26.0724, 0.3373, 0.2399



17.0442, 0.3402, 0.3371



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.



28.1546, 0.4189, 0.3534



42.9598, 0.4557, 0.3581



41.9397, 0.3923, 0.4086



10.9831, 0.3284, 0.3338



8.9199, 0.6154, 0.3496



0.5285, 0.5751, 0.3816

Inverse Universe

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



39.5010, 0.2486, 0.3022



65.8437, 0.2367, 0.2950



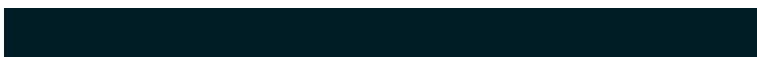
24.7164, 0.2366, 0.2330



11.6842, 0.2984, 0.3242



18.5532, 0.2062, 0.2625



0.9744, 0.2105, 0.2779

Previews

White Background



This preview shows how the Yxy color 28.1532, 0.4189, 0.3534 looks on a white background.

Color Contrast Check

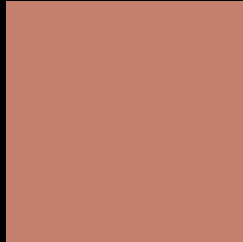
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1532, 0.4189, 0.3534 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 28.1532, 0.4189, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 28.1532, 0.4189, 0.3534.



This preview shows how white text looks on a background with the Yxy color 28.1532, 0.4189, 0.3534.

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

28.1532, 0.4189, 0.3534

Protanopia

28.4052, 0.3509, 0.3739

Deuteranopia

28.2974, 0.3851, 0.3771



Tritanopia

28.2509, 0.3930, 0.3173

Trichromacy



Original Color

28.1532, 0.4189, 0.3534

Protanomaly

27.9379, 0.3755, 0.3655

Deuteranomaly

28.2344, 0.3967, 0.3681

Tritanomaly

28.1282, 0.4027, 0.3306

Monochromacy



Original Color

28.1532, 0.4189, 0.3534

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1580, 0.3482, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1532, 0.4189, 0.3534 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, 127, 109)` looks like.

```
.text, #text, p{  
    color:rgb(197, 127, 109)  
}
```

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, 127, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 127, 109) }
```

Border

The CSS property to change the border of an element to Yxy 28.1532, 0.4189, 0.3534 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, 127, 109) }
```

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

```
.border{ border-color:rgb(197, 127, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 127, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 127, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 127, 109);  
box-shadow:4px 4px 4px 4px rgb(197, 127,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1532, 0.4189, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 127, 109) }
```

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

```
.background{ background-color: rgb(197,  
127, 109) }
```

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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