

Converting Colors

$Y_{xy}(28.1254, 0.4243, 0.3544)$

Have a look what the booklet for
Yxy(28.1254, 0.4243, 0.3544)
contains.

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Color

Yxy(28.1254, 0.4243, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	C77E6B
RGB	199, 126, 107
RGB Percent	78%, 49%, 42%
CMY	0.2195, 0.5059, 0.5804
CMYK	0.00, 0.37, 0.46, 0.22
HSL	12°, 45%, 60%
HSV	12°, 46%, 78%
XYZ	33.6727, 28.1254, 17.5625
YIQ	145.6610, 49.6070, 9.5670

Conversions

Conversions Part 2

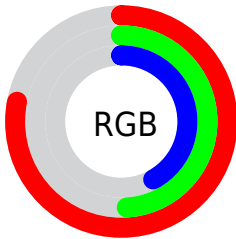
Format	Color
R_{YB}	199, 131, 107
Decimal	13074027
CIE _{Lab}	60.00, 26.20, 22.17
CIE _{LCh}	60, 34.320, 40.236
Yxy	28.1254, 0.4243, 0.3544
Android (android.graphics.Color)	4291264107 (0xFFC77E6B)
YUV	145.6610, -19.0599, 46.7783
Hunter-Lab	53.0334, 20.5273, 17.4889

Details

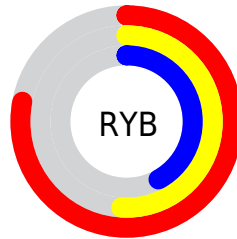
The Yxy color **28.1254, 0.4243, 0.3544** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.9044, 0.2466, 0.3009**, and the grayscale version is **28.6634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9688, 0.3988, 0.3513**, and **11.2354, 0.4641, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **24.0299, 0.4612, 0.3589**, and if you desaturate by 10%, it is **32.9578, 0.3921, 0.3490**.

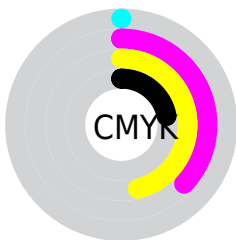
Distribution



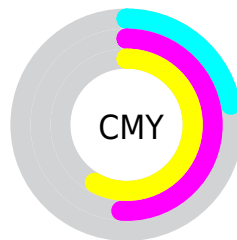
- Red (78%)
- Green (49%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (22%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1254, 0.4243, 0.3544 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 28.1254, 0.4243, 0.3544 by changing the saturation by 10% instead.


 28.1254, 0.4243,
0.3544


 28.1254, 0.4243,
0.3544


293.0656, 0.3634,
0.3432

 18.4202, 0.4411,
0.3563


 56.6846, 0.4009,
0.3509


 11.2521, 0.4636,
0.3581


 76.3074, 0.3925,
0.3494

 6.2367, 0.4950,
0.3589

 100.0048, 0.3856,
0.3480

 2.9895, 0.5409,
0.3564

 128.1613, 0.3797,
0.3468

 1.1263, 0.6409,
0.3591

161.1612, 0.3747,
0.3458

 0.0002, 0.9997,
0.0003


199.3890, 0.3704,


 0.0000, 0.0000,


0.3448

0.0000


243.2290, 0.3667,
0.3440


 28.1254, 0.4243,
0.3544


 28.1254, 0.4243,
0.3544


 24.0299, 0.4612,
0.3589


 32.9578, 0.3921,
0.3490


 20.6305, 0.5015,
0.3615


 38.5569, 0.3647,
0.3433


 17.8889, 0.5424,
0.3614


 44.9559, 0.3418,
0.3376

 15.7611, 0.5796,
0.3578

 52.1848, 0.3229,
0.3322

 14.1967, 0.6083,
0.3508

 60.2719, 0.3072,
0.3272

 13.7371, 0.6172,
0.3481

 69.2445, 0.2941,
0.3226

 79.1282, 0.2833,
0.3184

 89.2044, 0.2798,
0.3261

 90.8856, 0.2800,
0.3289

Harmonies

Analogous

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



28.1254, 0.3963, 0.3106



28.1254, 0.4243, 0.3544



28.1254, 0.4185, 0.3967

Triad

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



28.1254, 0.4243, 0.3544



28.1254, 0.2762, 0.3967



28.1254, 0.2408, 0.2398

Complementary

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



28.1254, 0.4243, 0.3544



39.9044, 0.2466, 0.3009

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.



28.1254, 0.2153, 0.2524



28.1254, 0.4243, 0.3544



28.1254, 0.2337, 0.3409

Square

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



28.1254, 0.4243, 0.3544



28.1254, 0.3309, 0.4296



28.1254, 0.2127, 0.2873



28.1254, 0.2865, 0.2476

Rectangle

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



28.1254, 0.4243, 0.3544



28.1254, 0.3977, 0.4189



28.1254, 0.2127, 0.2873



28.1254, 0.2299, 0.2416

Sweetspot

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



28.1268, 0.4243, 0.3544



81.1476, 0.3377, 0.3365



25.9807, 0.3385, 0.2369



16.8040, 0.3422, 0.3377



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.



28.1268, 0.4243, 0.3544



42.3478, 0.4595, 0.3587



42.4904, 0.3955, 0.4113



10.9858, 0.3284, 0.3338



8.9339, 0.6151, 0.3498



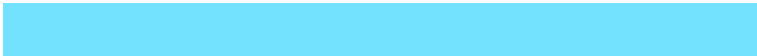
0.5297, 0.5747, 0.3819

Inverse Universe

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



39.9044, 0.2466, 0.3009



65.2678, 0.2356, 0.2940



24.4681, 0.2337, 0.2289



11.6814, 0.2984, 0.3241



18.4874, 0.2061, 0.2619



0.9718, 0.2104, 0.2775

Previews

White Background



This preview shows how the Yxy color 28.1254, 0.4243, 0.3544 looks on a white background.

Color Contrast Check

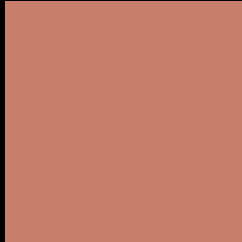
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1254, 0.4243, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

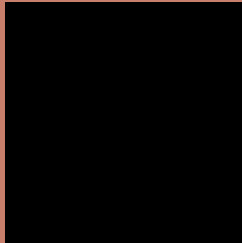
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1254, 0.4243, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 28.1254, 0.4243, 0.3544.



This preview shows how white text looks on a background with the Yxy color 28.1254, 0.4243, 0.3544.

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

28.1254, 0.4243, 0.3544

Protanopia

28.3586, 0.3530, 0.3771

Deuteranopia

28.2558, 0.3873, 0.3800



Tritanopia

28.0025, 0.3975, 0.3161

Trichromacy



Original Color

28.1254, 0.4243, 0.3544

Protanomaly

27.8929, 0.3777, 0.3685

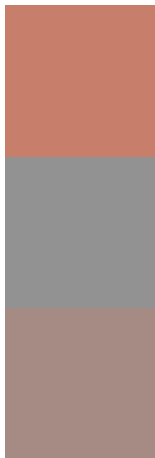
Deuteranomaly

28.0359, 0.4008, 0.3694

Tritanomaly

27.8753, 0.4073, 0.3293

Monochromacy



Original Color

28.1254, 0.4243, 0.3544

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1305, 0.3493, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1254, 0.4243, 0.3544 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(199, 126, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 126, 107)  
}
```

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(199, 126, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 126, 107) }
```

Border

The CSS property to change the border of an element to Yxy 28.1254, 0.4243, 0.3544 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(199, 126, 107) }
```

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

```
.border{ border-color:rgb(199, 126, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 126, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 126, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 126, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 126,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1254, 0.4243, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 126, 107) }
```

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

```
.background{ background-color: rgb(199,  
126, 107) }
```

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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