

Converting Colors

$Y_{xy}(28.4257, 0.4298, 0.3419)$

Have a look what the booklet for
Yxy(28.4257, 0.4298, 0.3419)
contains.

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Color

Yxy(28.3543, 0.4297, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	CF7A70
RGB	207, 122, 112
RGB Percent	81%, 48%, 44%
CMY	0.1881, 0.5216, 0.5607
CMYK	0.00, 0.41, 0.46, 0.19
HSL	6°, 50%, 63%
HSV	6°, 46%, 81%
XYZ	35.6253, 28.3543, 18.9277
YIQ	146.2750, 53.8700, 14.9100

Conversions

Conversions Part 2

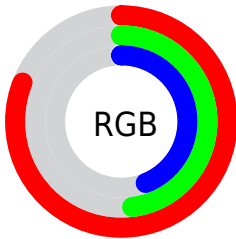
Format	Color
R_{YB}	207, 123, 112
Decimal	13597296
CIE _{Lab}	60.21, 32.02, 19.77
CIE _{LCh}	60, 37.635, 31.692
Yxy	28.3543, 0.4297, 0.3420
Android (android.graphics.Color)	4291787376 (0xFFCF7A70)
YUV	146.2750, -16.8976, 53.2558
Hunter-Lab	53.2488, 26.2374, 16.1990

Details

The Yxy color **28.3543, 0.4297, 0.3420** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.9178, 0.2493, 0.3149**, and the grayscale version is **28.9178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6003, 0.3950, 0.3408**, and **11.3945, 0.4702, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **23.8219, 0.4701, 0.3442**, and if you desaturate by 10%, it is **33.8633, 0.3948, 0.3392**.

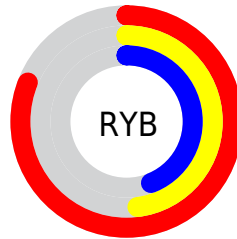
Distribution



Red (81%)

Green (48%)

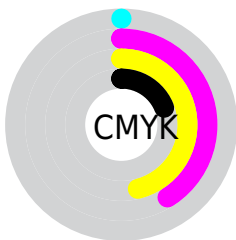
Blue (44%)



Red (81%)

Yellow (48%)

Blue (44%)

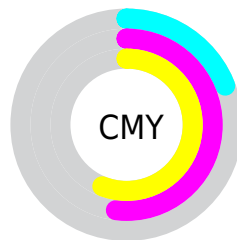


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (19%)



Cyan (19%)


Magenta (52%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3543, 0.4297, 0.3420 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 28.3543, 0.4297, 0.3420 by changing the saturation by 10% instead.


 28.3543, 0.4297,
0.3420


 28.3543, 0.4297,
0.3420


294.1560, 0.3658,
0.3376


 18.5929, 0.4474,
0.3421


 57.0496, 0.4052,
0.3410


 11.3765, 0.4710,
0.3415


 76.7523, 0.3964,
0.3405

 6.3207, 0.5041,
0.3391


 100.5376, 0.3891,
0.3399

 3.0410, 0.5526,
0.3321

 128.7898, 0.3830,
0.3394

 1.1532, 0.6677,
0.3323

161.8933, 0.3777,
0.3389

 0.0230, 0.9722,
0.0278


200.2326, 0.3732,


 0.0000, 0.0000,


0.3384

0.0000


244.1921, 0.3693,
0.3380


 28.3543, 0.4297,
0.3420


 28.3543, 0.4297,
0.3420


 23.8219, 0.4701,
0.3442


 33.8633, 0.3948,
0.3392


 20.2050, 0.5145,
0.3452

 40.3969, 0.3657,
0.3363

 17.4422, 0.5589,
0.3446


 48.0049, 0.3419,
0.3333


 15.4628, 0.5975,
0.3420

 56.7329, 0.3224,
0.3305


 14.1844, 0.6244,
0.3376

 66.6236, 0.3066,
0.3280

 13.8344, 0.6323,
0.3361

 77.7175, 0.2937,
0.3256

 89.9276, 0.2842,
0.3255

 92.0113, 0.2844,
0.3289

Harmonies

Analogous

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



28.3543, 0.3896, 0.2961



28.3543, 0.4297, 0.3420



28.3543, 0.4336, 0.3892

Triad

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



28.3543, 0.4297, 0.3420



28.3543, 0.2886, 0.4178



28.3543, 0.2245, 0.2338

Complementary

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



28.3543, 0.4297, 0.3420



47.9178, 0.2493, 0.3149

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.



28.3543, 0.2039, 0.2537



28.3543, 0.4297, 0.3420



28.3543, 0.2377, 0.3602

Square

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



28.3543, 0.4297, 0.3420



28.3543, 0.3491, 0.4425



28.3543, 0.2081, 0.2979



28.3543, 0.2679, 0.2366

Rectangle

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



28.3543, 0.4297, 0.3420



28.3543, 0.4162, 0.4168



28.3543, 0.2081, 0.2979



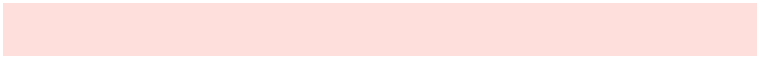
28.3543, 0.2149, 0.2378

Sweetspot

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



28.3557, 0.4297, 0.3420



79.1897, 0.3382, 0.3328



28.9182, 0.3278, 0.2275



16.3334, 0.3428, 0.3335



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.



28.3557, 0.4297, 0.3420



38.3147, 0.4691, 0.3441



42.8282, 0.4005, 0.4001



12.0049, 0.3288, 0.3315



8.7793, 0.6309, 0.3373



0.5602, 0.6066, 0.3566

Inverse Universe

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



47.9178, 0.2493, 0.3149



73.3375, 0.2392, 0.3115



29.7727, 0.2367, 0.2442



13.1863, 0.2983, 0.3265



24.8575, 0.2155, 0.2959



1.4522, 0.2174, 0.3025

Previews

White Background



This preview shows how the Yxy color 28.3543, 0.4297, 0.3420 looks on a white background.

Color Contrast Check

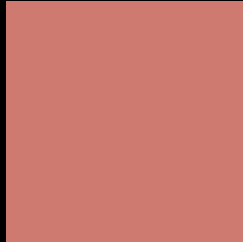
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3543, 0.4297, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

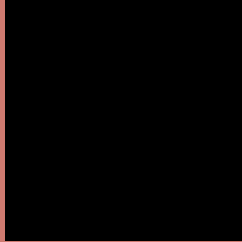
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3543, 0.4297, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 28.3543, 0.4297, 0.3420.



This preview shows how white text looks on a background with the Yxy color 28.3543, 0.4297, 0.3420.

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

28.3543, 0.4297, 0.3420

Protanopia

28.4532, 0.3436, 0.3643

Deuteranopia

28.6309, 0.3824, 0.3755



Tritanopia

28.4014, 0.4115, 0.3191

Trichromacy



Original Color

28.3543, 0.4297, 0.3420

Protanomaly

28.1075, 0.3738, 0.3561

Deuteranomaly

28.2151, 0.4002, 0.3618

Tritanomaly

28.4898, 0.4187, 0.3280

Monochromacy



Original Color

28.3543, 0.4297, 0.3420

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9374, 0.3511, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3543, 0.4297, 0.3420 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(207, 122, 112)` looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 112)  
}
```

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(207, 122, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 112) }
```

Border

The CSS property to change the border of an element to Yxy 28.3543, 0.4297, 0.3420 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(207, 122, 112) }
```

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

```
.border{ border-color:rgb(207, 122, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 122, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 122, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 122, 112);  
box-shadow:4px 4px 4px 4px rgb(207, 122,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3543, 0.4297, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 112) }
```

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

```
.background{ background-color: rgb(207,  
122, 112) }
```

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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