

Converting Colors

$Yxy(45.1648, 0.3418, 0.3469)$

Have a look what the booklet for
Yxy(45.1648, 0.3418, 0.3469)
contains.

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Color

Yxy(45.2614, 0.3417, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	C3B0A2
RGB	195, 176, 162
RGB Percent	76%, 69%, 64%
CMY	0.2352, 0.3098, 0.3646
CMYK	0.00, 0.10, 0.17, 0.24
HSL	25°, 22%, 70%
HSV	25°, 17%, 76%
XYZ	44.5572, 45.2614, 40.5801
YIQ	180.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

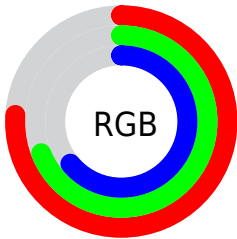
Format	Color
R _Y B	195, 186, 162
Decimal	12824738
CIE Lab	73.06, 4.52, 9.63
CIE LCh	73, 10.638, 64.853
Yxy	45.2614, 0.3417, 0.3471
Android (android.graphics.Color)	4291014818 (0xFFC3B0A2)
YUV	180.0850, -8.9159, 13.0805
Hunter-Lab	67.2766, 0.4864, 11.3309

Details

The Yxy color **45.2614, 0.3417, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6895, 0.2866, 0.3102**, and the grayscale version is **45.7349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4184, 0.3363, 0.3441**, and **21.2038, 0.3504, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **40.3952, 0.3625, 0.3585**, and if you desaturate by 10%, it is **50.6043, 0.3237, 0.3362**.

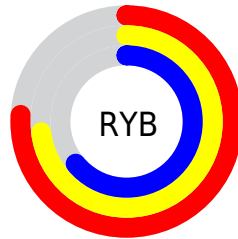
Distribution



Red (76%)

Green (69%)

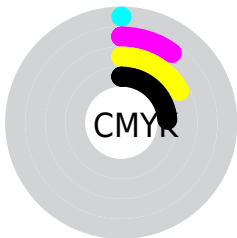
Blue (64%)



Red (76%)

Yellow (73%)

Blue (64%)

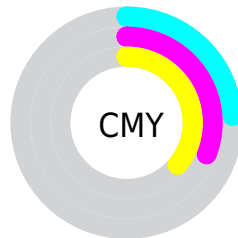


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2614, 0.3417, 0.3471 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 45.2614, 0.3417, 0.3471 by changing the saturation by 10% instead.


 45.2614, 0.3417,
0.3471

 45.2614, 0.3417,
0.3471

367.8312, 0.3271,
0.3381

 31.6634, 0.3454,
0.3493


 83.1125, 0.3364,
0.3439

 21.1045, 0.3502,
0.3521


 108.1344, 0.3344,
0.3426

 13.2004, 0.3566,
0.3558


137.7331, 0.3327,
0.3416

 7.5667, 0.3655,
0.3610

172.2928, 0.3312,
0.3407

 3.8190, 0.3791,
0.3684

212.1981, 0.3300,
0.3399

 1.5728, 0.4019,
0.3802

257.8334, 0.3289,

 0.3392, 0.5606,

0.3393

0.4394

309.5829, 0.3279,
0.3387

0.0000, 0.0000,
0.0000

45.2614, 0.3417,
0.3471

45.2614, 0.3417,
0.3471

40.3952, 0.3625,
0.3585

50.6043, 0.3237,
0.3362

35.9860, 0.3862,
0.3700

56.4309, 0.3082,
0.3259

32.0212, 0.4129,
0.3810

62.7559, 0.2948,
0.3164

28.4855, 0.4421,
0.3907

69.5914, 0.2833,
0.3077

25.3626, 0.4729,
0.3979

76.6536, 0.2758,
0.3043

■ 22.6348, 0.5037,
0.4014

■ 83.1938, 0.2768,
0.3166

■ 20.2827, 0.5322,
0.3999

■ 90.1463, 0.2778,
0.3286

■ 18.2833, 0.5565,
0.3932

■ 90.3444, 0.2778,
0.3289

■ 17.7298, 0.5636,
0.3907

Harmonies

Analogous

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



45.2614, 0.3411, 0.3354



45.2614, 0.3417, 0.3471



45.2614, 0.3344, 0.3543

Triad

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



45.2614, 0.3417, 0.3471



45.2614, 0.2931, 0.3353



45.2614, 0.3036, 0.3047

Complementary

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



45.2614, 0.3417, 0.3471



44.6895, 0.2866, 0.3102

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.



45.2614, 0.2912, 0.3042



45.2614, 0.3417, 0.3471



45.2614, 0.2852, 0.3215

Square

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



45.2614, 0.3417, 0.3471



45.2614, 0.3062, 0.3477



45.2614, 0.2845, 0.3102



45.2614, 0.3188, 0.3114

Rectangle

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



45.2614, 0.3417, 0.3471



45.2614, 0.3261, 0.3554



45.2614, 0.2845, 0.3102



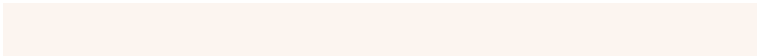
45.2614, 0.2990, 0.3038

Sweetspot

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



45.2634, 0.3417, 0.3471



92.4706, 0.3207, 0.3342



40.8002, 0.3268, 0.3044



20.0912, 0.3218, 0.3350



0.0000, 0.0000, 0.0000



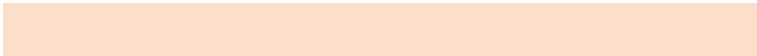
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.2634, 0.3417, 0.3471



78.0019, 0.3484, 0.3509



52.0307, 0.3384, 0.3672



10.7635, 0.3279, 0.3388



11.6803, 0.5612, 0.3926



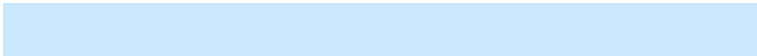
0.6410, 0.5220, 0.4237

Inverse Universe

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



44.6895, 0.2866, 0.3102



76.7960, 0.2813, 0.3060



38.4527, 0.2856, 0.2877



10.6905, 0.2984, 0.3190



10.3206, 0.1849, 0.1856



0.5801, 0.1947, 0.2209

Previews

White Background



This preview shows how the Yxy color 45.2614, 0.3417, 0.3471 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 45.2614, 0.3417, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

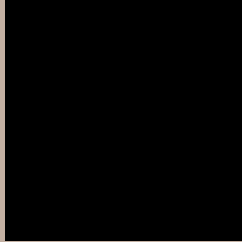
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2614, 0.3417, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 45.2614, 0.3417, 0.3471.



This preview shows how white text looks on a background with the Yxy color 45.2614, 0.3417, 0.3471.

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

45.2614, 0.3417, 0.3471

Protanopia

45.3596, 0.3312, 0.3488

Deuteranopia

45.2280, 0.3489, 0.3417



Tritanopia

45.0560, 0.3243, 0.3115

Trichromacy



Original Color

45.2614, 0.3417, 0.3471

Protanomaly

45.3040, 0.3349, 0.3487

Deuteranomaly

45.1958, 0.3459, 0.3431

Tritanomaly

44.9318, 0.3310, 0.3240

Monochromacy



Original Color

45.2614, 0.3417, 0.3471

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5716, 0.3228, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2614, 0.3417, 0.3471 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(195, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 176, 162)  
}
```

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(195, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 176, 162) }
```

Border

The CSS property to change the border of an element to Yxy 45.2614, 0.3417, 0.3471 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(195, 176, 162) }
```

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

```
.border{ border-color:rgb(195, 176, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 176, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 176, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 176, 162); box-shadow:4px 4px 4px 4px rgb(195, 176, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2614, 0.3417, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 176, 162) }
```

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

```
.background{ background-color: rgb(195,  
176, 162) }
```

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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