

Converting Colors

Yxy(60.4248, 0.3045, 0.3106)

Have a look what the booklet for
Yxy(60.4248, 0.3045, 0.3106)
contains.

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Color

Yxy(60.4248, 0.3045, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	CECADA
RGB	206, 202, 218
RGB Percent	81%, 79%, 85%
CMY	0.1920, 0.2079, 0.1450
CMYK	0.05, 0.07, 0.00, 0.15
HSL	255°, 18%, 82%
HSV	255°, 7%, 85%
XYZ	59.2381, 60.4248, 74.8793
YIQ	205.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

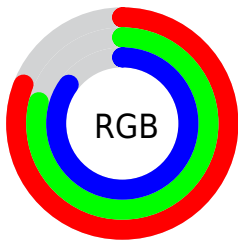
Format	Color
R _Y B	206, 202, 218
Decimal	13552346
CIE Lab	82.07, 4.39, -7.45
CIE LCh	82, 8.646, 300.480
Yxy	60.4248, 0.3045, 0.3106
Android (android.graphics.Color)	4291742426 (0xFFCECADA)
YUV	205.0200, 6.3991, 0.8595
Hunter-Lab	77.7334, -0.0044, -2.6997

Details

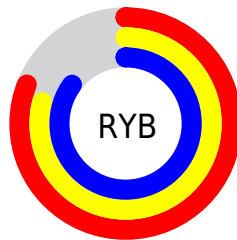
The Yxy color **60.4248, 0.3045, 0.3106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7050, 0.3206, 0.3471**, and the grayscale version is **61.0285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4996, 0.3027, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **48.6966, 0.2918, 0.2832**, and if you desaturate by 10%, it is **73.8452, 0.3155, 0.3353**.

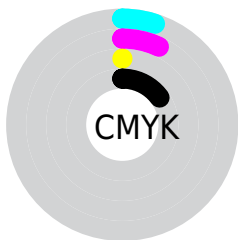
Distribution



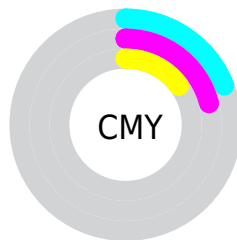
- Red (81%)
- Green (79%)
- Blue (85%)



- Red (81%)
- Yellow (79%)
- Blue (85%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4248, 0.3045, 0.3106 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 60.4248, 0.3045, 0.3106 by changing the saturation by 10% instead.

■ 60.4248, 0.3045,
0.3106

■ 60.4248, 0.3045,
0.3106

426.1618, 0.3085,
0.3193

■ 43.7611, 0.3036,
0.3086

105.4456, 0.3059,
0.3137

■ 30.4828, 0.3024,
0.3060

134.5716, 0.3064,
0.3148

■ 20.2053, 0.3008,
0.3027

168.6205, 0.3069,
0.3159

■ 12.5444, 0.2987,
0.2983

207.9766, 0.3073,
0.3167

■ 7.1156, 0.2958,
0.2922

253.0244, 0.3076,
0.3175

■ 3.5345, 0.2913,
0.2831

304.1483, 0.3079,

■ 1.4167, 0.2835,

0.3182

0.2680

361.7326, 0.3082,
0.3188

0.2290, 0.2453,
0.1730

0.0000, 0.0000,
0.0000

60.4248, 0.3045,
0.3106

60.4248, 0.3045,
0.3106

48.6966, 0.2918,
0.2832

73.8452, 0.3155,
0.3353

38.5851, 0.2774,
0.2531

89.0138, 0.3248,
0.3572

30.0210, 0.2613,
0.2211

97.8277, 0.3345,
0.3651

22.9262, 0.2439,
0.1882

97.8427, 0.3345,
0.3651

■ 17.2164, 0.2259,
0.1558

■ 12.7980, 0.2080,
0.1259

■ 9.5658, 0.1914,
0.1007

■ 7.3972, 0.1773,
0.0819

■ 6.1300, 0.1664,
0.0701

Harmonies

Analogous

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



60.4248, 0.2957, 0.3110



60.4248, 0.3045, 0.3106



60.4248, 0.3156, 0.3149

Triad

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



60.4248, 0.3045, 0.3106



60.4248, 0.3344, 0.3414



60.4248, 0.2994, 0.3352

Complementary

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



60.4248, 0.3045, 0.3106



68.7050, 0.3206, 0.3471

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.



60.4248, 0.3096, 0.3437



60.4248, 0.3045, 0.3106



60.4248, 0.3298, 0.3472

Square

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



60.4248, 0.3045, 0.3106



60.4248, 0.3330, 0.3325



60.4248, 0.3207, 0.3481



60.4248, 0.2929, 0.3250

Rectangle

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



60.4248, 0.3045, 0.3106



60.4248, 0.3228, 0.3199



60.4248, 0.3207, 0.3481



60.4248, 0.3025, 0.3383

Sweetspot

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



60.4274, 0.3045, 0.3106



96.0733, 0.3105, 0.3241



65.7155, 0.3014, 0.3244



20.6048, 0.3107, 0.3243



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.



60.4274, 0.3045, 0.3106



83.1122, 0.3024, 0.3061



61.5973, 0.3105, 0.3110



12.7753, 0.3020, 0.3051



3.5638, 0.1651, 0.0683



0.2717, 0.1819, 0.0776

Inverse Universe

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



61.9981, 0.3165, 0.3156



85.8536, 0.3174, 0.3124



67.5354, 0.3147, 0.3474



13.2157, 0.3176, 0.3117



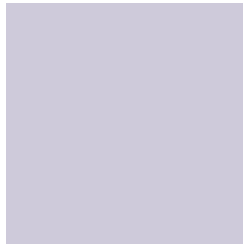
10.5308, 0.3968, 0.1960



0.6958, 0.3818, 0.1877

Previews

White Background



This preview shows how the Yxy color 60.4248, 0.3045, 0.3106 looks on a white background.

Color Contrast Check

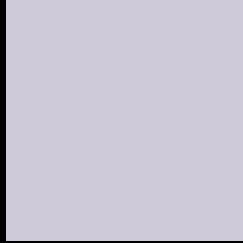
Large Text (above 18pt) WCAG AA × Fail

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 60.4248, 0.3045, 0.3106 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

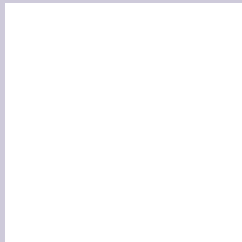
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4248, 0.3045, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 60.4248, 0.3045, 0.3106.

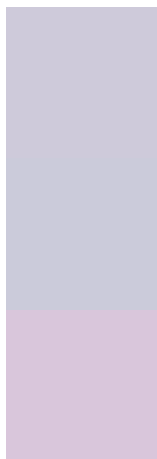


This preview shows how white text looks on a background with the Yxy color 60.4248, 0.3045, 0.3106.

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

60.4248, 0.3045, 0.3106

Protanopia

60.4703, 0.3022, 0.3117

Deuteranopia

60.2544, 0.3123, 0.3055



Tritanopia

60.4248, 0.3045, 0.3106

Trichromacy



Original Color

60.4248, 0.3045, 0.3106

Protanomaly

60.6112, 0.3030, 0.3117

Deuteranomaly

60.1075, 0.3092, 0.3064

Tritanomaly

60.4248, 0.3045, 0.3106

Monochromacy



Original Color

60.4248, 0.3045, 0.3106

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8180, 0.3092, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4248, 0.3045, 0.3106 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(206, 202, 218)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 218)  
}
```

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(206, 202, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 218) }
```

Border

The CSS property to change the border of an element to Yxy 60.4248, 0.3045, 0.3106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

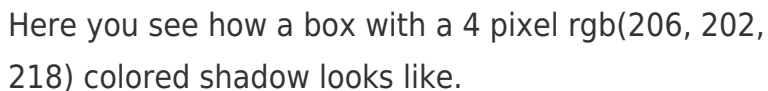
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 202, 218) }
```

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

```
.border{ border-color:rgb(206, 202, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 202, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 202, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 202, 218); box-shadow:4px 4px 4px 4px rgb(206, 202, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4248, 0.3045, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 218) }
```

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

```
.background{ background-color: rgb(206,  
202, 218) }
```

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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