

Converting Colors

$Y_{xy}(59.5532, 0.3210, 0.3047)$

Have a look what the booklet for
Yxy(59.5532, 0.3210, 0.3047)
contains.

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Color

Yxy(59.5490, 0.3210, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	E1C2D8
RGB	225, 194, 216
RGB Percent	88%, 76%, 85%
CMY	0.1177, 0.2392, 0.1529
CMYK	0.00, 0.14, 0.04, 0.12
HSL	317°, 34%, 82%
HSV	317°, 14%, 88%
XYZ	62.7346, 59.5490, 73.1513
YIQ	205.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

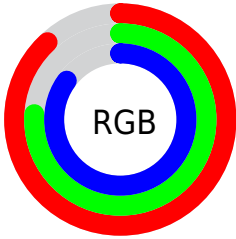
Format	Color
R _Y B	225, 194, 216
Decimal	14795480
CIE Lab	81.59, 14.68, -6.90
CIE LCh	82, 16.223, 334.815
Yxy	59.5490, 0.3210, 0.3047
Android (android.graphics.Color)	4292985560 (0xFFE1C2D8)
YUV	205.7770, 5.0399, 16.8586
Hunter-Lab	77.1680, 10.0696, -2.1863

Details

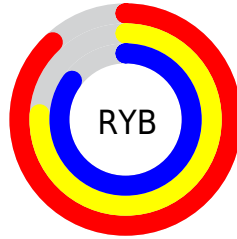
The Yxy color **59.5490, 0.3210, 0.3047** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6269, 0.3053, 0.3546**, and the grayscale version is **61.5339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.8754, 0.3238, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **49.9518, 0.3283, 0.2863**, and if you desaturate by 10%, it is **70.6810, 0.3148, 0.3225**.

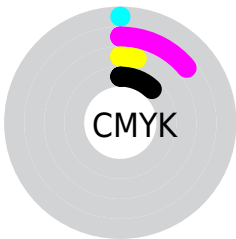
Distribution



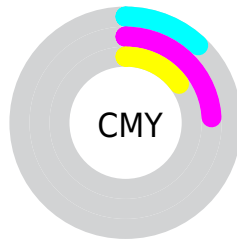
- Red (88%)
- Green (76%)
- Blue (85%)



- Red (88%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (12%)




- Cyan (12%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5490, 0.3210, 0.3047 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 59.5490, 0.3210, 0.3047 by changing the saturation by 10% instead.


 59.5490, 0.3210,
0.3047

 59.5490, 0.3210,
0.3047

422.9334, 0.3171,
0.3161

 43.0552, 0.3219,
0.3020


 104.1752, 0.3197,
0.3087

 29.9284, 0.3230,
0.2987


133.0763, 0.3191,
0.3102

 19.7843, 0.3244,
0.2945


166.8821, 0.3187,
0.3116

 12.2383, 0.3263,
0.2889

205.9768, 0.3183,
0.3127

 6.9062, 0.3288,
0.2811

250.7449, 0.3180,
0.3137

 3.4035, 0.3325,
0.2697

301.5708, 0.3176,

 1.3458, 0.3384,

0.3146

0.2511

358.8388, 0.3174,
0.3154

0.1763, 0.3820,
0.1280

0.0000, 0.0000,
0.0000

59.5490, 0.3210,
0.3047

59.5490, 0.3210,
0.3047

49.9518, 0.3283,
0.2863

70.6810, 0.3148,
0.3225

41.8134, 0.3367,
0.2678

83.4037, 0.3096,
0.3394

35.0633, 0.3462,
0.2499

93.5579, 0.3053,
0.3488

29.6218, 0.3569,
0.2335

93.9436, 0.3017,
0.3420

■ 25.4010, 0.3684,
0.2196

■ 94.3433, 0.2981,
0.3354

■ 22.3026, 0.3806,
0.2094

■ 94.7458, 0.2946,
0.3289

■ 20.2124, 0.3929,
0.2037

■ 18.9921, 0.4049,
0.2030

■ 18.5331, 0.4123,
0.2045

Harmonies

Analogous

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



59.5490, 0.2999, 0.2956



59.5490, 0.3210, 0.3047



59.5490, 0.3404, 0.3198

Triad

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



59.5490, 0.3210, 0.3047



59.5490, 0.3428, 0.3642



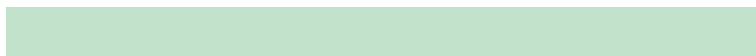
59.5490, 0.2747, 0.3183

Complementary

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



59.5490, 0.3210, 0.3047



69.6269, 0.3053, 0.3546

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.



59.5490, 0.2854, 0.3378



59.5490, 0.3210, 0.3047



59.5490, 0.3246, 0.3651

Square

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



59.5490, 0.3210, 0.3047



59.5490, 0.3532, 0.3539



59.5490, 0.3036, 0.3553



59.5490, 0.2738, 0.3027

Rectangle

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



59.5490, 0.3210, 0.3047



59.5490, 0.3494, 0.3316



59.5490, 0.3036, 0.3553



59.5490, 0.2773, 0.3246

Sweetspot

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



59.5516, 0.3210, 0.3047



93.4747, 0.3149, 0.3221



56.6904, 0.2973, 0.2933



19.7530, 0.3154, 0.3207



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.



59.5516, 0.3210, 0.3047



74.6082, 0.3233, 0.2986



58.7978, 0.3327, 0.3215



13.8643, 0.3182, 0.3125



10.7020, 0.4106, 0.2035



0.7571, 0.3935, 0.1941

Inverse Universe

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



59.5516, 0.3210, 0.3047



74.6082, 0.3233, 0.2986



70.3915, 0.2959, 0.3366



13.8643, 0.3182, 0.3125



10.7020, 0.4106, 0.2035



0.7571, 0.3935, 0.1941

Previews

White Background



This preview shows how the Yxy color 59.5490, 0.3210, 0.3047 looks on a white background.

Color Contrast Check

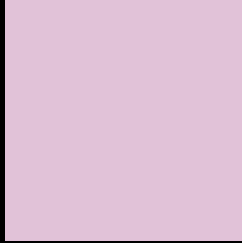
Large Text (above 18pt) WCAG AA × Fail

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 59.5490, 0.3210, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

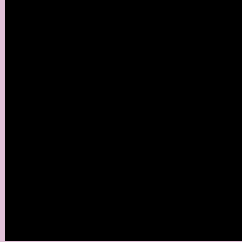
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5490, 0.3210, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 59.5490, 0.3210, 0.3047.



This preview shows how white text looks on a background with the Yxy color 59.5490, 0.3210, 0.3047.

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

59.5490, 0.3210, 0.3047

Protanopia

59.8790, 0.2987, 0.3070

Deuteranopia

59.5905, 0.3152, 0.3087



Tritanopia

59.5307, 0.3247, 0.3123

Trichromacy



Original Color

59.5490, 0.3210, 0.3047

Protanomaly

59.6630, 0.3069, 0.3062

Deuteranomaly

59.6018, 0.3177, 0.3077

Tritanomaly

59.6310, 0.3231, 0.3101

Monochromacy



Original Color

59.5490, 0.3210, 0.3047

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0403, 0.3155, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5490, 0.3210, 0.3047 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(225, 194, 216)` looks like.

```
.text, #text, p{  
    color:rgb(225, 194, 216)  
}
```

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(225, 194, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 194, 216) }
```

Border

The CSS property to change the border of an element to Yxy 59.5490, 0.3210, 0.3047 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(225, 194, 216) }
```

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

```
.border{ border-color:rgb(225, 194, 216) }
```

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

Here you see how a box with a 4 pixel rgb(225, 194, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 194, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 194, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 194,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5490, 0.3210, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 194, 216) }
```

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

```
.background{ background-color: rgb(225,  
194, 216) }
```

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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