

Converting Colors

$Y_{xy}(58.6977, 0.3255, 0.3019)$

Have a look what the booklet for
Yxy(58.6977, 0.3255, 0.3019)
contains.

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Color

Yxy(58.3912, 0.3253, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	E5BED7
RGB	229, 190, 215
RGB Percent	90%, 75%, 84%
CMY	0.1021, 0.2548, 0.1569
CMYK	0.00, 0.17, 0.06, 0.10
HSL	322°, 43%, 82%
HSV	322°, 17%, 90%
XYZ	62.9796, 58.3912, 72.2339
YIQ	204.5110, 15.2190, 16.0430

Conversions

Conversions Part 2

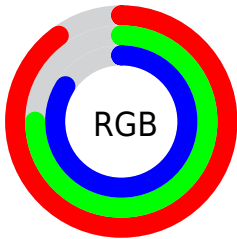
Format	Color
R _Y B	229, 190, 215
Decimal	15056599
CIE Lab	80.96, 17.99, -7.27
CIE LCh	81, 19.403, 338.008
Yxy	58.3912, 0.3253, 0.3016
Android (android.graphics.Color)	4293246679 (0xFFE5BED7)
YUV	204.5110, 5.1711, 21.4769
Hunter-Lab	76.4141, 13.3929, -2.5567

Details

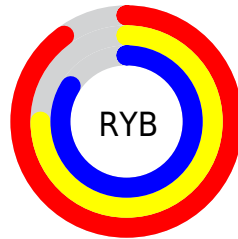
The Yxy color **58.3912, 0.3253, 0.3016** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3217, 0.3020, 0.3581**, and the grayscale version is **60.6819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **29.0306, 0.3285, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **48.8294, 0.3346, 0.2847**, and if you desaturate by 10%, it is **69.5372, 0.3175, 0.3180**.

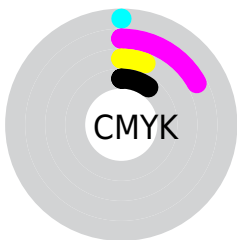
Distribution



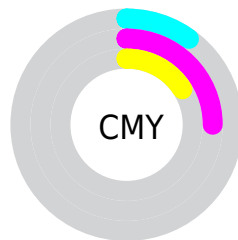
- Red (90%)
- Green (75%)
- Blue (84%)



- Red (90%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (10%)




- Cyan (10%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3912, 0.3253, 0.3016 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 58.3912, 0.3253, 0.3016 by changing the saturation by 10% instead.


 58.3912, 0.3253,
0.3016

 58.3912, 0.3253,
0.3016


418.6421, 0.3194,
0.3145

 42.1232, 0.3267,
0.2986

 102.4923, 0.3232,
0.3061

 29.1978, 0.3284,
0.2949


131.0943, 0.3224,
0.3079

 19.2305, 0.3306,
0.2901


164.5763, 0.3217,
0.3094

 11.8370, 0.3335,
0.2838

203.3229, 0.3211,
0.3107

 6.6328, 0.3375,
0.2750

247.7183, 0.3206,
0.3118

 3.2335, 0.3434,
0.2621

298.1471, 0.3202,

 1.2548, 0.3530,

0.3128

0.2411

354.9935, 0.3198,
0.3137

0.1058, 0.4254,
0.0834

0.0000, 0.0000,
0.0000

58.3912, 0.3253,
0.3016

58.3912, 0.3253,
0.3016

48.8294, 0.3346,
0.2847

69.5372, 0.3175,
0.3180

40.7713, 0.3454,
0.2679

82.3279, 0.3109,
0.3336

34.1408, 0.3577,
0.2518

94.4392, 0.3054,
0.3445

28.8522, 0.3716,
0.2374

94.9374, 0.3009,
0.3361

■ 24.8104, 0.3867,
0.2258

■ 95.3902, 0.2969,
0.3290

■ 21.9078, 0.4027,
0.2183

■ 20.0183, 0.4188,
0.2156

■ 18.9786, 0.4346,
0.2181

■ 18.7516, 0.4393,
0.2194

Harmonies

Analogous

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



58.3912, 0.2998, 0.2899



58.3912, 0.3253, 0.3016



58.3912, 0.3481, 0.3200

Triad

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



58.3912, 0.3253, 0.3016



58.3912, 0.3469, 0.3722



58.3912, 0.2665, 0.3135

Complementary

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



58.3912, 0.3253, 0.3016



71.3217, 0.3020, 0.3581

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.



58.3912, 0.2781, 0.3369



58.3912, 0.3253, 0.3016



58.3912, 0.3241, 0.3720

Square

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



58.3912, 0.3253, 0.3016



58.3912, 0.3607, 0.3604



58.3912, 0.2990, 0.3590



58.3912, 0.2667, 0.2957

Rectangle

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



58.3912, 0.3253, 0.3016



58.3912, 0.3583, 0.3342



58.3912, 0.2990, 0.3590



58.3912, 0.2691, 0.3210

Sweetspot

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



58.3938, 0.3253, 0.3016



91.8421, 0.3161, 0.3211



55.2802, 0.2951, 0.2844



19.4218, 0.3166, 0.3200



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.



58.3938, 0.3253, 0.3016



70.5431, 0.3280, 0.2964



57.4673, 0.3405, 0.3225



14.5229, 0.3193, 0.3140



10.7500, 0.4370, 0.2181



0.8120, 0.4156, 0.2063

Inverse Universe

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



58.3938, 0.3253, 0.3016



70.5431, 0.3280, 0.2964



72.2965, 0.2905, 0.3356



14.5229, 0.3193, 0.3140



10.7500, 0.4370, 0.2181



0.8120, 0.4156, 0.2063

Previews

White Background



This preview shows how the Yxy color 58.3912, 0.3253, 0.3016 looks on a white background.

Color Contrast Check

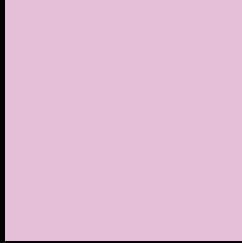
Large Text (above 18pt) WCAG AA × Fail

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 58.3912, 0.3253, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

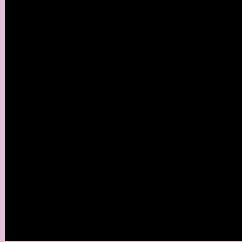
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3912, 0.3253, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 58.3912, 0.3253, 0.3016.



This preview shows how white text looks on a background with the Yxy color 58.3912, 0.3253, 0.3016.

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

58.3912, 0.3253, 0.3016

Protanopia

58.6711, 0.2972, 0.3046

Deuteranopia

58.3323, 0.3145, 0.3074



Tritanopia

58.2118, 0.3315, 0.3124

Trichromacy



Original Color

58.3912, 0.3253, 0.3016

Protanomaly

58.2960, 0.3069, 0.3027

Deuteranomaly

58.2106, 0.3186, 0.3054

Tritanomaly

58.3590, 0.3291, 0.3091

Monochromacy



Original Color

58.3912, 0.3253, 0.3016

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2081, 0.3171, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3912, 0.3253, 0.3016 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(229, 190, 215)` looks like.

```
.text, #text, p{  
    color:rgb(229, 190, 215)  
}
```

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(229, 190, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 190, 215) }
```

Border

The CSS property to change the border of an element to Yxy 58.3912, 0.3253, 0.3016 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(229, 190, 215) }
```

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

```
.border{ border-color:rgb(229, 190, 215) }
```

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

Here you see how a box with a 4 pixel rgb(229, 190, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 190, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 190, 215);  
box-shadow:4px 4px 4px 4px rgb(229, 190,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3912, 0.3253, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 190, 215) }
```

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

```
.background{ background-color: rgb(229,  
190, 215) }
```

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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