

Converting Colors

Yxy(58.0612, 0.3362, 0.3133)

Have a look what the booklet for
Yxy(58.0612, 0.3362, 0.3133)
contains.

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Color

Yxy(58.1755, 0.3356, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	E7BECC
RGB	231, 190, 204
RGB Percent	91%, 75%, 80%
CMY	0.0943, 0.2548, 0.2000
CMYK	0.00, 0.18, 0.12, 0.09
HSL	340°, 46%, 83%
HSV	340°, 18%, 91%
XYZ	62.2567, 58.1755, 65.0764
YIQ	203.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

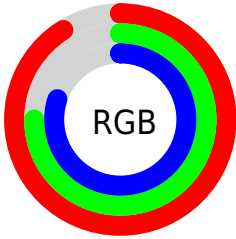
Format	Color
R _Y B	231, 190, 204
Decimal	15187660
CIE Lab	80.84, 16.83, -1.51
CIE LCh	81, 16.899, 354.877
Yxy	58.1755, 0.3356, 0.3136
Android (android.graphics.Color)	4293377740 (0xFFE7BECC)
YUV	203.8550, 0.0715, 23.8062
Hunter-Lab	76.2729, 12.2207, 2.8045

Details

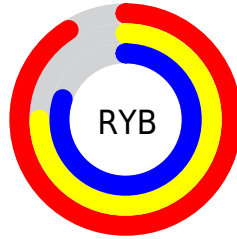
The Yxy color **58.1755, 0.3356, 0.3136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0848, 0.2942, 0.3450**, and the grayscale version is **60.2767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **28.9243, 0.3415, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **48.2576, 0.3526, 0.3043**, and if you desaturate by 10%, it is **69.7551, 0.3217, 0.3225**.

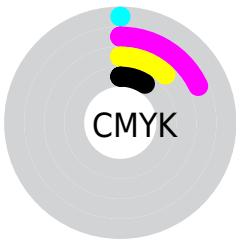
Distribution



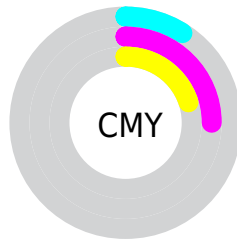
- Red (91%)
- Green (75%)
- Blue (80%)



- Red (91%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1755, 0.3356, 0.3136 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 58.1755, 0.3356, 0.3136 by changing the saturation by 10% instead.


 58.1755, 0.3356,
0.3136

 58.1755, 0.3356,
0.3136


417.8396, 0.3246,
0.3210

 41.9498, 0.3382,
0.3119


 102.1784, 0.3317,
0.3162

 29.0620, 0.3415,
0.3097


130.7243, 0.3302,
0.3172

 19.1277, 0.3458,
0.3068


164.1458, 0.3289,
0.3181

 11.7626, 0.3516,
0.3030

202.8271, 0.3278,
0.3188

 6.5822, 0.3597,
0.2977

247.1528, 0.3269,
0.3194

 3.2022, 0.3723,
0.2895

297.5072, 0.3260,

 1.2382, 0.3938,

0.3200

0.2757

354.2746, 0.3253,
0.3205

0.0926, 0.6253,
0.1160

0.0000, 0.0000,
0.0000

58.1755, 0.3356,
0.3136

58.1755, 0.3356,
0.3136

48.2576, 0.3526,
0.3043

69.7551, 0.3217,
0.3225

39.9171, 0.3732,
0.2951

83.0601, 0.3103,
0.3308

33.0741, 0.3978,
0.2863

95.3799, 0.3011,
0.3343

27.6383, 0.4265,
0.2790

95.7213, 0.2981,
0.3290

■ 23.5099, 0.4588,
0.2743

■ 20.5755, 0.4931,
0.2734

■ 18.7023, 0.5272,
0.2773

■ 17.7101, 0.5579,
0.2861

■ 17.5442, 0.5645,
0.2883

Harmonies

Analogous

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



58.1755, 0.3139, 0.2995



58.1755, 0.3356, 0.3136



58.1755, 0.3513, 0.3317

Triad

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



58.1755, 0.3356, 0.3136



58.1755, 0.3321, 0.3679



58.1755, 0.2710, 0.3060

Complementary

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



58.1755, 0.3356, 0.3136



73.0848, 0.2942, 0.3450

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.



58.1755, 0.2755, 0.3243



58.1755, 0.3356, 0.3136



58.1755, 0.3103, 0.3612

Square

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



58.1755, 0.3356, 0.3136



58.1755, 0.3491, 0.3633



58.1755, 0.2897, 0.3449



58.1755, 0.2771, 0.2948

Rectangle

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



58.1755, 0.3356, 0.3136



58.1755, 0.3560, 0.3441



58.1755, 0.2897, 0.3449



58.1755, 0.2713, 0.3115

Sweetspot

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



58.1781, 0.3356, 0.3136



91.6042, 0.3184, 0.3248



57.2987, 0.3036, 0.2836



19.3641, 0.3192, 0.3242



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.



58.1781, 0.3356, 0.3136



68.3970, 0.3410, 0.3105



60.2534, 0.3458, 0.3359



14.4488, 0.3239, 0.3210



9.8609, 0.5603, 0.2860



0.7456, 0.5194, 0.2635

Inverse Universe

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



58.1781, 0.3356, 0.3136



68.3970, 0.3410, 0.3105



70.4673, 0.2857, 0.3220



14.4488, 0.3239, 0.3210



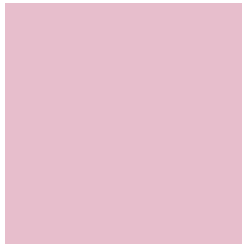
9.8609, 0.5603, 0.2860



0.7456, 0.5194, 0.2635

Previews

White Background



This preview shows how the Yxy color 58.1755, 0.3356, 0.3136 looks on a white background.

Color Contrast Check

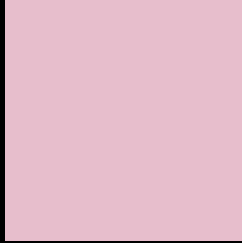
Large Text (above 18pt) WCAG AA × Fail

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 58.1755, 0.3356, 0.3136 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 58.1755, 0.3356, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 58.1755, 0.3356, 0.3136.



This preview shows how white text looks on a background with the Yxy color 58.1755, 0.3356, 0.3136.

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

58.1755, 0.3356, 0.3136

Protanopia

58.5183, 0.3071, 0.3173

Deuteranopia

58.4021, 0.3260, 0.3199



Tritanopia

58.2236, 0.3348, 0.3125

Trichromacy



Original Color

58.1755, 0.3356, 0.3136

Protanomaly

58.1801, 0.3173, 0.3152

Deuteranomaly

58.1397, 0.3295, 0.3178

Tritanomaly

58.2236, 0.3348, 0.3125

Monochromacy



Original Color

58.1755, 0.3356, 0.3136

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5026, 0.3208, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1755, 0.3356, 0.3136 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(231, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(231, 190, 204)  
}
```

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(231, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 190, 204) }
```

Border

The CSS property to change the border of an element to Yxy 58.1755, 0.3356, 0.3136 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(231, 190, 204) }
```

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

```
.border{ border-color:rgb(231, 190, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(231, 190,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1755, 0.3356, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 190, 204) }
```

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

```
.background{ background-color: rgb(231,  
190, 204) }
```

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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