

Converting Colors

Yxy(57.7740, 0.3358, 0.3187)

Have a look what the booklet for
Yxy(57.7740, 0.3358, 0.3187)
contains.

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Color

Yxy(57.9257, 0.3362, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	E4BFC8
RGB	228, 191, 200
RGB Percent	89%, 75%, 78%
CMY	0.1059, 0.2509, 0.2157
CMYK	0.00, 0.16, 0.12, 0.11
HSL	345°, 41%, 82%
HSV	345°, 16%, 89%
XYZ	61.0490, 57.9257, 62.6106
YIQ	203.0890, 19.1630, 10.6430

Conversions

Conversions Part 2

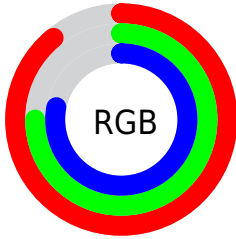
Format	Color
R _Y B	228, 191, 200
Decimal	14991304
CIE Lab	80.70, 14.60, 0.41
CIE LCh	81, 14.609, 1.596
Yxy	57.9257, 0.3362, 0.3190
Android (android.graphics.Color)	4293181384 (0xFFE4BFC8)
YUV	203.0890, -1.5229, 21.8469
Hunter-Lab	76.1089, 9.9889, 4.5017

Details

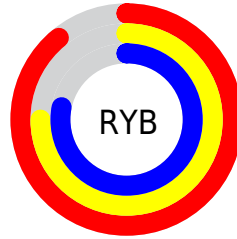
The Yxy color **57.9257, 0.3362, 0.3190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6726, 0.2935, 0.3393**, and the grayscale version is **59.7816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **28.7373, 0.3423, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **47.9839, 0.3552, 0.3124**, and if you desaturate by 10%, it is **69.5115, 0.3208, 0.3253**.

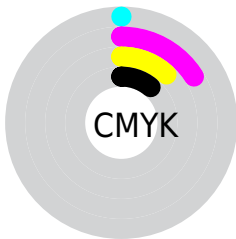
Distribution



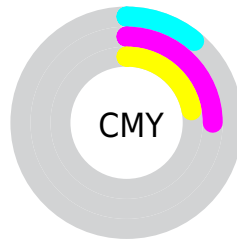
- Red (89%)
- Green (75%)
- Blue (78%)



- Red (89%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9257, 0.3362, 0.3190 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 57.9257, 0.3362, 0.3190 by changing the saturation by 10% instead.

 57.9257, 0.3362,
0.3190

 57.9257, 0.3362,
0.3190


416.9090, 0.3249,
0.3238

 41.7489, 0.3389,
0.3178

 101.8147, 0.3322,
0.3207

 28.9047, 0.3423,
0.3164


130.2956, 0.3306,
0.3214

 19.0088, 0.3468,
0.3145


163.6468, 0.3293,
0.3219

 11.6766, 0.3528,
0.3119

202.2525, 0.3282,
0.3224

 6.5239, 0.3614,
0.3082

246.4972, 0.3272,
0.3229

 3.1662, 0.3746,
0.3024

296.7652, 0.3263,

 1.2191, 0.3977,

0.3232

0.2924

353.4410, 0.3256,
0.3236

0.0772, 0.7639,
0.1372

0.0000, 0.0000,
0.0000

57.9257, 0.3362,
0.3190

57.9257, 0.3362,
0.3190

47.9839, 0.3552,
0.3124

69.5115, 0.3208,
0.3253

39.6040, 0.3785,
0.3058

82.8031, 0.3083,
0.3312

32.7083, 0.4065,
0.2995

95.0254, 0.2981,
0.3322

27.2096, 0.4396,
0.2944

95.2323, 0.2964,
0.3290

■ 23.0113, 0.4769,
0.2913

■ 20.0045, 0.5165,
0.2914

■ 18.0623, 0.5549,
0.2955

■ 17.0271, 0.5875,
0.3036

■ 16.7727, 0.5982,
0.3069

Harmonies

Analogous

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



57.9257, 0.3182, 0.3056



57.9257, 0.3362, 0.3190



57.9257, 0.3479, 0.3351

Triad

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



57.9257, 0.3362, 0.3190



57.9257, 0.3255, 0.3621



57.9257, 0.2769, 0.3064

Complementary

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



57.9257, 0.3362, 0.3190



71.6726, 0.2935, 0.3393

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.



57.9257, 0.2787, 0.3212



57.9257, 0.3362, 0.3190



57.9257, 0.3064, 0.3542

Square

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



57.9257, 0.3362, 0.3190



57.9257, 0.3415, 0.3604



57.9257, 0.2894, 0.3389



57.9257, 0.2842, 0.2982

Rectangle

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



57.9257, 0.3362, 0.3190



57.9257, 0.3504, 0.3456



57.9257, 0.2894, 0.3389



57.9257, 0.2764, 0.3107

Sweetspot

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



57.9283, 0.3362, 0.3190



91.5273, 0.3192, 0.3260



57.8868, 0.3074, 0.2880



19.3454, 0.3201, 0.3256



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.



57.9283, 0.3362, 0.3190



70.7477, 0.3413, 0.3171



61.6806, 0.3418, 0.3394



14.4252, 0.3254, 0.3233



9.7019, 0.5945, 0.3049



0.7314, 0.5532, 0.2821

Inverse Universe

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



57.9283, 0.3362, 0.3190



70.7477, 0.3413, 0.3171



67.2082, 0.2878, 0.3183



14.4252, 0.3254, 0.3233



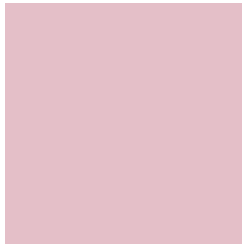
9.7019, 0.5945, 0.3049



0.7314, 0.5532, 0.2821

Previews

White Background



This preview shows how the Yxy color 57.9257, 0.3362, 0.3190 looks on a white background.

Color Contrast Check

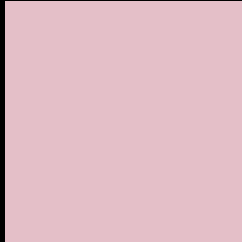
Large Text (above 18pt) WCAG AA × Fail

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 57.9257, 0.3362, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

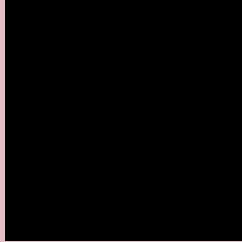
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9257, 0.3362, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 57.9257, 0.3362, 0.3190.



This preview shows how white text looks on a background with the Yxy color 57.9257, 0.3362, 0.3190.

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

57.9257, 0.3362, 0.3190

Protanopia

57.9511, 0.3115, 0.3219

Deuteranopia

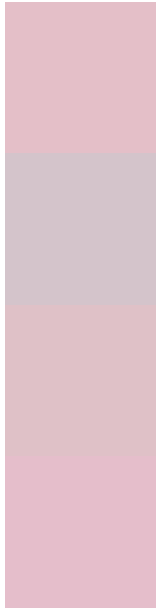
57.9227, 0.3300, 0.3233



Tritanopia

57.8927, 0.3332, 0.3124

Trichromacy



Original Color

57.9257, 0.3362, 0.3190

Protanomaly

57.7887, 0.3203, 0.3209

Deuteranomaly

57.9514, 0.3326, 0.3223

Tritanomaly

57.7967, 0.3348, 0.3146

Monochromacy



Original Color

57.9257, 0.3362, 0.3190

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1082, 0.3207, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9257, 0.3362, 0.3190 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(228, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(228, 191, 200)  
}
```

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(228, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 191, 200) }
```

Border

The CSS property to change the border of an element to Yxy 57.9257, 0.3362, 0.3190 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(228, 191, 200) }
```

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

```
.border{ border-color:rgb(228, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(228, 191,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9257, 0.3362, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 191, 200) }
```

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

```
.background{ background-color: rgb(228,  
191, 200) }
```

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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