

Converting Colors

$Yxy(52.0444, 0.3574, 0.3283)$

Have a look what the booklet for
Yxy(52.0444, 0.3574, 0.3283)
contains.

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Color

Yxy(51.9185, 0.3581, 0.3280)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E6B2B3 |
| RGB | 230, 178, 179 |
| RGB Percent | 90%, 70%, 70% |
| CMY | 0.0982, 0.3019, 0.2980 |
| CMYK | 0.00, 0.23, 0.22, 0.10 |
| HSL | 359°, 51%, 80% |
| HSV | 359°, 23%, 90% |
| XYZ | 56.6830, 51.9185, 49.6866 |
| YIQ | 193.6620, 30.6710, 11.3350 |

Conversions

Conversions Part 2

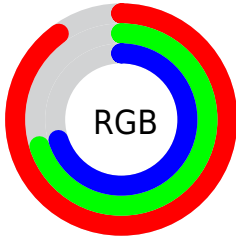
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 178, 179 |
| Decimal | 15119027 |
| CIE Lab | 77.23, 19.00, 6.77 |
| CIE LCh | 77, 20.170, 19.605 |
| Yxy | 51.9185, 0.3581, 0.3280 |
| Android (android.graphics.Color) | 4293309107 (0xFFE6B2B3) |
| YUV | 193.6620, -7.2284, 31.8684 |
| Hunter-Lab | 72.0545, 14.3249, 9.5535 |

Details

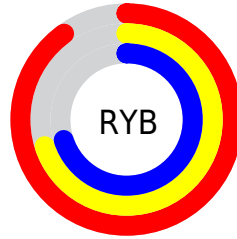
The Yxy color **51.9185, 0.3581, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6981, 0.2798, 0.3300**, and the grayscale version is **53.7691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1038, 0.3264, 0.3281**, and **25.1723, 0.3717, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **42.6832, 0.3867, 0.3276**, and if you desaturate by 10%, it is **62.8419, 0.3352, 0.3285**.

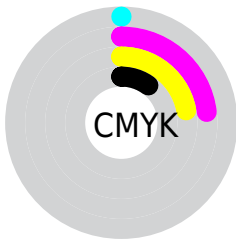
Distribution



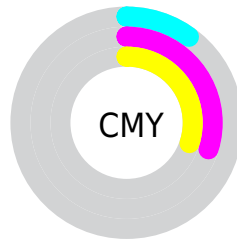
- Red (90%)
- Green (70%)
- Blue (70%)



- Red (90%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9185, 0.3581, 0.3280 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 51.9185, 0.3581, 0.3280 by changing the saturation by 10% instead.


 51.9185, 0.3581,
0.3280

 51.9185, 0.3581,
0.3280


394.1219, 0.3356,
0.3288

 36.9401, 0.3636,
0.3277

 93.0110, 0.3500,
0.3284

 25.1611, 0.3707,
0.3273


119.8940, 0.3469,
0.3285

 16.1971, 0.3800,
0.3266


151.5139, 0.3443,
0.3286

 9.6638, 0.3928,
0.3255

188.2552, 0.3421,
0.3287

 5.1766, 0.4116,
0.3236

230.5022, 0.3402,
0.3287

 2.3512, 0.4415,
0.3197

278.6394, 0.3385,

 0.8006, 0.5174,

0.3288

0.3222

333.0512, 0.3370,
0.3288

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9185, 0.3581,
0.3280

51.9185, 0.3581,
0.3280

42.6832, 0.3867,
0.3276

62.8419, 0.3352,
0.3285

35.0453, 0.4217,
0.3272

75.5240, 0.3168,
0.3289

28.9161, 0.4633,
0.3269

90.0403, 0.3022,
0.3293

24.1958, 0.5099,
0.3269

95.5575, 0.2975,
0.3290

■ 20.7724, 0.5574,
0.3271

■ 18.5170, 0.5989,
0.3278

■ 17.2743, 0.6273,
0.3287

■ 16.8271, 0.6385,
0.3291

Harmonies

Analogous

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



51.9185, 0.3366, 0.3065



51.9185, 0.3581, 0.3280



51.9185, 0.3669, 0.3507

Triad

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



51.9185, 0.3581, 0.3280



51.9185, 0.3144, 0.3718



51.9185, 0.2666, 0.2883

Complementary

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



51.9185, 0.3581, 0.3280



71.6981, 0.2798, 0.3300

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.



51.9185, 0.2614, 0.3037



51.9185, 0.3581, 0.3280



51.9185, 0.2882, 0.3530

Square

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



51.9185, 0.3581, 0.3280



51.9185, 0.3409, 0.3774



51.9185, 0.2691, 0.3274



51.9185, 0.2838, 0.2840

Rectangle

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



51.9185, 0.3581, 0.3280



51.9185, 0.3642, 0.3637



51.9185, 0.2691, 0.3274



51.9185, 0.2635, 0.2923

Sweetspot

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



51.9209, 0.3581, 0.3280



88.0584, 0.3245, 0.3287



54.0921, 0.3139, 0.2727



18.6391, 0.3256, 0.3287



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.



51.9209, 0.3581, 0.3280



60.0488, 0.3704, 0.3278



62.3964, 0.3531, 0.3562



14.3724, 0.3290, 0.3286



9.5317, 0.6380, 0.3288



0.7059, 0.6320, 0.3255

Inverse Universe

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



51.9209, 0.3581, 0.3280



60.0488, 0.3704, 0.3278



59.1885, 0.2771, 0.3001



14.3724, 0.3290, 0.3286



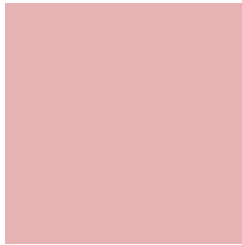
9.5317, 0.6380, 0.3288



0.7059, 0.6320, 0.3255

Previews

White Background



This preview shows how the Yxy color 51.9185, 0.3581, 0.3280 looks on a white background.

Color Contrast Check

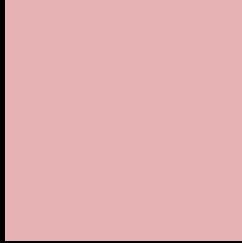
Large Text (above 18pt) WCAG AA × Fail

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 51.9185, 0.3581, 0.3280 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 51.9185, 0.3581, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 51.9185, 0.3581, 0.3280.



This preview shows how white text looks on a background with the Yxy color 51.9185, 0.3581, 0.3280.

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

51.9185, 0.3581, 0.3280

Protanopia

52.1078, 0.3207, 0.3340

Deuteranopia

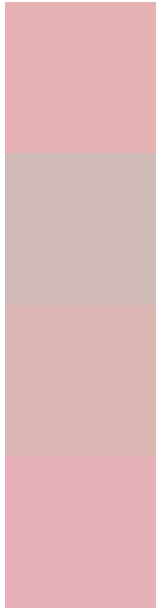
51.7915, 0.3435, 0.3362



Tritanopia

51.7573, 0.3497, 0.3133

Trichromacy



Original Color

51.9185, 0.3581, 0.3280

Protanomaly

51.9466, 0.3338, 0.3327

Deuteranomaly

51.8859, 0.3492, 0.3338

Tritanomaly

51.9784, 0.3531, 0.3189

Monochromacy



Original Color

51.9185, 0.3581, 0.3280

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9060, 0.3278, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9185, 0.3581, 0.3280 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(230, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 179)  
}
```

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(230, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 179) }
```

Border

The CSS property to change the border of an element to Yxy 51.9185, 0.3581, 0.3280 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(230, 178, 179) }
```

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

```
.border{ border-color:rgb(230, 178, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9185, 0.3581, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 179) }
```

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

```
.background{ background-color: rgb(230,  
178, 179) }
```

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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