

Converting Colors

Yxy(58.6110, 0.3696, 0.3555)

Have a look what the booklet for
Yxy(58.6110, 0.3696, 0.3555)
contains.

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Color

Yxy(58.5310, 0.3698, 0.3558)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EDC0A8 |
| RGB | 237, 192, 168 |
| RGB Percent | 93%, 75%, 66% |
| CMY | 0.0707, 0.2470, 0.3411 |
| CMYK | 0.00, 0.19, 0.29, 0.07 |
| HSL | 21°, 66%, 79% |
| HSV | 21°, 29%, 93% |
| XYZ | 60.8341, 58.5310, 45.1403 |
| YIQ | 202.7190, 34.5240, 2.0760 |

Conversions

Conversions Part 2

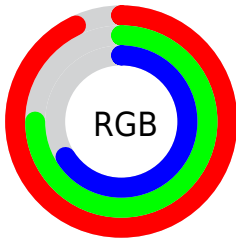
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 237, 205, 168 |
| Decimal | 15581352 |
| CIE _{Lab} | 81.03, 12.65, 18.17 |
| CIE _{LCh} | 81, 22.139, 55.152 |
| Yxy | 58.5310, 0.3698, 0.3558 |
| Android (android.graphics.Color) | 4293771432 (0xFFEDC0A8) |
| YUV | 202.7190, -17.1165, 30.0644 |
| Hunter-Lab | 76.5056, 8.0511, 18.5712 |

Details

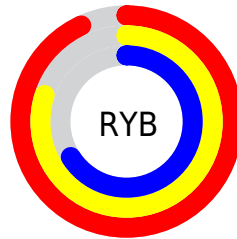
The Yxy color **58.5310, 0.3698, 0.3558** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0025, 0.2675, 0.3004**, and the grayscale version is **59.6289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7225, 0.3324, 0.3535**, and **29.1412, 0.3849, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **51.2981, 0.3961, 0.3654**, and if you desaturate by 10%, it is **66.6421, 0.3471, 0.3462**.

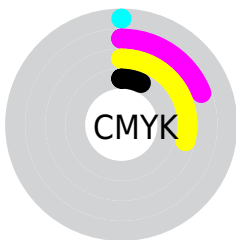
Distribution



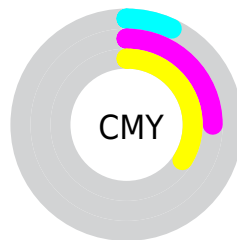
- Red (93%)
- Green (75%)
- Blue (66%)



- Red (93%)
- Yellow (80%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5310, 0.3698, 0.3558 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 58.5310, 0.3698, 0.3558 by changing the saturation by 10% instead.

 58.5310, 0.3698,
0.3558


 58.5310, 0.3698,
0.3558

419.1617, 0.3421,
0.3435

 42.2357, 0.3764,
0.3585


 102.6957, 0.3600,
0.3516

 29.2859, 0.3847,
0.3618

 131.3339, 0.3562,
0.3499

 19.2972, 0.3955,
0.3659

164.8552, 0.3530,
0.3485

 11.8852, 0.4100,
0.3711

203.6439, 0.3502,
0.3473

 6.6656, 0.4303,
0.3776

248.0846, 0.3478,
0.3462

 3.2538, 0.4607,
0.3856

298.5615, 0.3457,

 1.2657, 0.5529,

0.3452

0.4270

355.4590, 0.3438,
0.3443

0.1144, 0.7850,
0.2150

0.0000, 0.0000,
0.0000

58.5310, 0.3698,
0.3558

58.5310, 0.3698,
0.3558

51.2981, 0.3961,
0.3654

66.6421, 0.3471,
0.3462

44.9046, 0.4261,
0.3744

75.6522, 0.3278,
0.3369

39.3207, 0.4592,
0.3817

85.5917, 0.3113,
0.3282

34.5116, 0.4941,
0.3864

95.9746, 0.3017,
0.3278

■ 30.4394, 0.5286,
0.3869

■ 96.7383, 0.3017,
0.3290

■ 27.0624, 0.5595,
0.3825

■ 24.3290, 0.5845,
0.3733

■ 24.1109, 0.5866,
0.3725

Harmonies

Analogous

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



58.5310, 0.3635, 0.3323



58.5310, 0.3698, 0.3558



58.5310, 0.3600, 0.3737

Triad

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



58.5310, 0.3698, 0.3558



58.5310, 0.2824, 0.3496



58.5310, 0.2866, 0.2821

Complementary

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



58.5310, 0.3698, 0.3558



62.0025, 0.2675, 0.3004

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.



58.5310, 0.2667, 0.2844



58.5310, 0.3698, 0.3558



58.5310, 0.2643, 0.3222

Square

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



58.5310, 0.3698, 0.3558



58.5310, 0.3090, 0.3715



58.5310, 0.2587, 0.2985



58.5310, 0.3144, 0.2911

Rectangle

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



58.5310, 0.3698, 0.3558



58.5310, 0.3461, 0.3796



58.5310, 0.2587, 0.2985



58.5310, 0.2788, 0.2815

Sweetspot

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



58.5337, 0.3698, 0.3558



89.4337, 0.3277, 0.3369



50.8605, 0.3352, 0.2793



18.7950, 0.3303, 0.3382



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.



58.5337, 0.3698, 0.3558



63.8587, 0.3852, 0.3616



74.9314, 0.3599, 0.3906



15.9119, 0.3284, 0.3373



13.3898, 0.5836, 0.3748



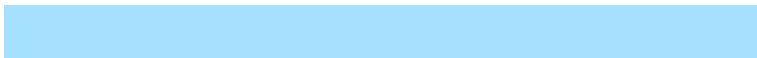
1.2258, 0.5570, 0.3960

Inverse Universe

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



62.0025, 0.2675, 0.3004



68.5691, 0.2584, 0.2935



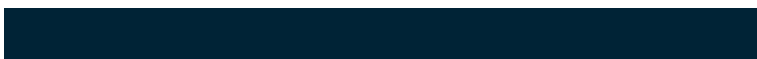
46.8793, 0.2630, 0.2588



16.1877, 0.2981, 0.3206



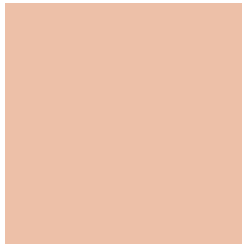
16.2963, 0.1920, 0.2110



1.4585, 0.1970, 0.2292

Previews

White Background



This preview shows how the Yxy color 58.5310, 0.3698, 0.3558 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 58.5310, 0.3698, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

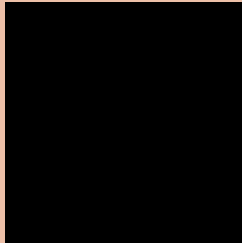
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5310, 0.3698, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 58.5310, 0.3698, 0.3558.



This preview shows how white text looks on a background with the Yxy color 58.5310, 0.3698, 0.3558.

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

58.5310, 0.3698, 0.3558

Protanopia

58.7489, 0.3432, 0.3634

Deuteranopia

58.7344, 0.3658, 0.3583



Tritanopia

58.5057, 0.3461, 0.3129

Trichromacy



Original Color

58.5310, 0.3698, 0.3558

Protanomaly

58.7006, 0.3521, 0.3603

Deuteranomaly

58.4595, 0.3670, 0.3571

Tritanomaly

58.6382, 0.3548, 0.3280

Monochromacy



Original Color

58.5310, 0.3698, 0.3558

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0116, 0.3322, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5310, 0.3698, 0.3558 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(237, 192, 168)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 168)  
}
```

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(237, 192, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 168) }
```

Border

The CSS property to change the border of an element to Yxy 58.5310, 0.3698, 0.3558 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(237, 192, 168) }
```

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

```
.border{ border-color:rgb(237, 192, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 192, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 192, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 192, 168); box-shadow:4px 4px 4px 4px rgb(237, 192, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5310, 0.3698, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 192, 168) }
```

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

```
.background{ background-color: rgb(237,  
192, 168) }
```

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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