

Converting Colors

Yxy(56.8558, 0.3652, 0.3669)

Have a look what the booklet for
Yxy(56.8558, 0.3652, 0.3669)
contains.

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Color

Yxy(56.7207, 0.3650, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	E1C1A1
RGB	225, 193, 161
RGB Percent	88%, 76%, 63%
CMY	0.1175, 0.2432, 0.3686
CMYK	0.00, 0.14, 0.28, 0.12
HSL	30°, 52%, 76%
HSV	30°, 28%, 88%
XYZ	56.5657, 56.7207, 41.6882
YIQ	198.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

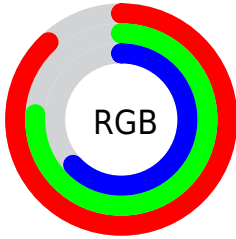
Format	Color
RYP	225, 225, 161
Decimal	14795169
CIELab	80.02, 6.68, 20.33
CIElCh	80, 21.399, 71.798
Yxy	56.7207, 0.3650, 0.3660
Android (android.graphics.Color)	4292985249 (0xFFE1C1A1)
YUV	198.9200, -18.6946, 22.8722
Hunter-Lab	75.3131, 2.2687, 19.9003

Details

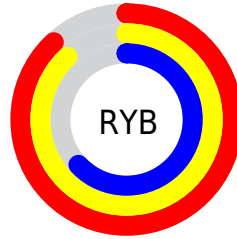
The Yxy color **56.7207, 0.3650, 0.3660** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.1867, 0.2674, 0.2888**, and the grayscale version is **57.1692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9692, 0.3366, 0.3615**, and **28.2953, 0.3789, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **51.2068, 0.3881, 0.3795**, and if you desaturate by 10%, it is **62.7622, 0.3444, 0.3525**.

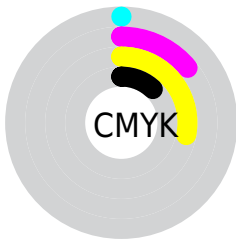
Distribution



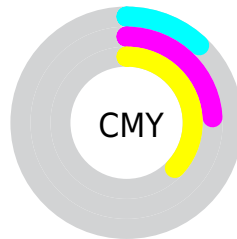
- Red (88%)
- Green (76%)
- Blue (63%)



- Red (88%)
- Yellow (88%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (12%)




- Cyan (12%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7207, 0.3650, 0.3660 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 56.7207, 0.3650, 0.3660 by changing the saturation by 10% instead.


 56.7207, 0.3650,
0.3660

 56.7207, 0.3650,
0.3660


412.4019, 0.3396,
0.3485

 40.7810, 0.3711,
0.3700


 100.0575, 0.3560,
0.3599

 28.1480, 0.3787,
0.3750

 128.2235, 0.3525,
0.3575

 18.4373, 0.3886,
0.3813


161.2337, 0.3496,
0.3555

 11.2644, 0.4018,
0.3895

199.4725, 0.3471,
0.3537

 6.2450, 0.4203,
0.4003

243.3244, 0.3448,
0.3522

 2.9946, 0.4475,
0.4149

293.1736, 0.3429,

 1.1289, 0.5307,

0.3508

0.4693

349.4047, 0.3412,
0.3496

0.0025, 0.9853,
0.0147

0.0000, 0.0000,
0.0000

56.7207, 0.3650,
0.3660

56.7207, 0.3650,
0.3660

51.2068, 0.3881,
0.3795

62.7622, 0.3444,
0.3525

46.1965, 0.4134,
0.3923

69.3388, 0.3263,
0.3395

41.6755, 0.4405,
0.4035

76.4675, 0.3104,
0.3272

37.6255, 0.4682,
0.4118

84.1622, 0.2966,
0.3157

■ 34.0263, 0.4951,
0.4159

■ 91.1845, 0.2945,
0.3232

■ 30.8558, 0.5194,
0.4148

■ 94.7552, 0.2947,
0.3289

■ 28.0852, 0.5397,
0.4084

■ 27.6883, 0.5428,
0.4072

Harmonies

Analogous

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



56.7207, 0.3677, 0.3453



56.7207, 0.3650, 0.3660



56.7207, 0.3479, 0.3779

Triad

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



56.7207, 0.3650, 0.3660



56.7207, 0.2719, 0.3344



56.7207, 0.3017, 0.2868

Complementary

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



56.7207, 0.3650, 0.3660



51.1867, 0.2674, 0.2888

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.



56.7207, 0.2773, 0.2827



56.7207, 0.3650, 0.3660



56.7207, 0.2607, 0.3086

Square

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



56.7207, 0.3650, 0.3660



56.7207, 0.2940, 0.3598



56.7207, 0.2626, 0.2902



56.7207, 0.3302, 0.3009

Rectangle

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



56.7207, 0.3650, 0.3660



56.7207, 0.3310, 0.3784



56.7207, 0.2626, 0.2902



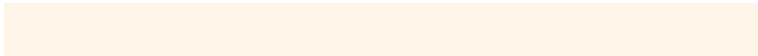
56.7207, 0.2928, 0.2842

Sweetspot

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



56.7233, 0.3650, 0.3660



91.4963, 0.3273, 0.3402



45.4071, 0.3433, 0.2911



19.3019, 0.3298, 0.3421



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.



56.7233, 0.3650, 0.3660



70.9836, 0.3780, 0.3738



71.8893, 0.3559, 0.3988



14.8257, 0.3280, 0.3407



16.1816, 0.5404, 0.4091



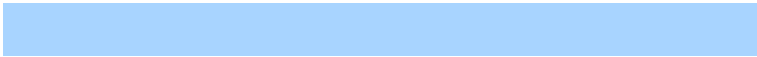
1.3007, 0.5168, 0.4279

Inverse Universe

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



51.1867, 0.2674, 0.2888



62.5169, 0.2579, 0.2792



38.8841, 0.2631, 0.2481



14.3714, 0.2981, 0.3170



10.1260, 0.1774, 0.1586



0.8810, 0.1851, 0.1865

Previews

White Background



This preview shows how the Yxy color 56.7207, 0.3650, 0.3660 looks on a white background.

Color Contrast Check

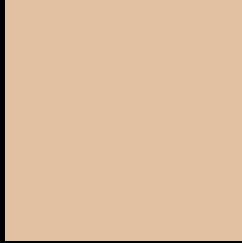
Large Text (above 18pt) WCAG AA × Fail

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 56.7207, 0.3650, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

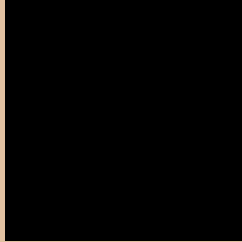
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7207, 0.3650, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 56.7207, 0.3650, 0.3660.



This preview shows how white text looks on a background with the Yxy color 56.7207, 0.3650, 0.3660.

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

56.7207, 0.3650, 0.3660

Protanopia

56.7341, 0.3491, 0.3710

Deuteranopia

56.8237, 0.3708, 0.3632



Tritanopia

56.6279, 0.3368, 0.3124

Trichromacy



Original Color

56.7207, 0.3650, 0.3660

Protanomaly

56.5356, 0.3547, 0.3694

Deuteranomaly

56.9305, 0.3687, 0.3645

Tritanomaly

56.4770, 0.3471, 0.3314

Monochromacy



Original Color

56.7207, 0.3650, 0.3660

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8452, 0.3306, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7207, 0.3650, 0.3660 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(225, 193, 161)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 161)  
}
```

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(225, 193, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 161) }
```

Border

The CSS property to change the border of an element to Yxy 56.7207, 0.3650, 0.3660 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(225, 193, 161) }
```

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

```
.border{ border-color:rgb(225, 193, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 193, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 193, 161); box-shadow:4px 4px 4px 4px rgb(225, 193, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7207, 0.3650, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 161) }
```

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

```
.background{ background-color: rgb(225,  
193, 161) }
```

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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