

Converting Colors

Yxy(56.0471, 0.3646, 0.3563)

Have a look what the booklet for
Yxy(56.0471, 0.3646, 0.3563)
contains.

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Color

Yxy(56.0741, 0.3643, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	E4BEA6
RGB	228, 190, 166
RGB Percent	89%, 75%, 65%
CMY	0.1060, 0.2548, 0.3490
CMYK	0.00, 0.17, 0.27, 0.11
HSL	23°, 53%, 77%
HSV	23°, 27%, 89%
XYZ	57.2849, 56.0741, 43.8875
YIQ	198.6260, 30.3520, 0.5920

Conversions

Conversions Part 2

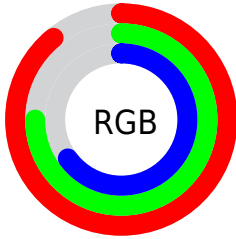
Format	Color
R _Y B	228, 205, 166
Decimal	14991014
CIE Lab	79.66, 10.04, 17.19
CIE LCh	80, 19.903, 59.713
Yxy	56.0741, 0.3643, 0.3566
Android (android.graphics.Color)	4293181094 (0xFFE4BEA6)
YUV	198.6260, -16.0846, 25.7610
Hunter-Lab	74.8826, 5.5071, 17.6689

Details

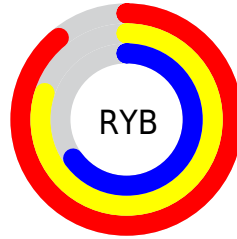
The Yxy color **56.0741, 0.3643, 0.3566** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.8789, 0.2703, 0.2996**, and the grayscale version is **56.9595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3920, 0.3339, 0.3536**, and **27.8769, 0.3783, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **49.5494, 0.3891, 0.3673**, and if you desaturate by 10%, it is **63.3319, 0.3428, 0.3460**.

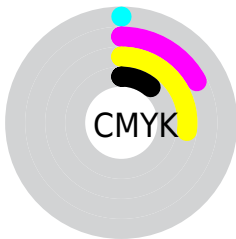
Distribution



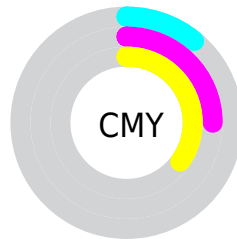
- Red (89%)
- Green (75%)
- Blue (65%)



- Red (89%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0741, 0.3643, 0.3566 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 56.0741, 0.3643, 0.3566 by changing the saturation by 10% instead.


 56.0741, 0.3643,
0.3566

 56.0741, 0.3643,
0.3566


409.9707, 0.3391,
0.3437

 40.2623, 0.3704,
0.3595


 99.1129, 0.3553,
0.3521

 27.7431, 0.3780,
0.3632


 127.1087, 0.3519,
0.3504

 18.1321, 0.3880,
0.3677


159.9347, 0.3490,
0.3489

 11.0449, 0.4015,
0.3735

197.9753, 0.3465,
0.3476

 6.0970, 0.4206,
0.3812

241.6147, 0.3443,
0.3464

 2.9042, 0.4495,
0.3912

291.2375, 0.3424,

 1.0819, 0.5523,

0.3454

0.4477

347.2280, 0.3407,
0.3445

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0741, 0.3643,
0.3566

56.0741, 0.3643,
0.3566

49.5494, 0.3891,
0.3673

63.3319, 0.3428,
0.3460

43.7261, 0.4172,
0.3774

71.3380, 0.3243,
0.3359

38.5813, 0.4482,
0.3862

80.1167, 0.3085,
0.3264

34.0877, 0.4810,
0.3923

89.5460, 0.2962,
0.3198

■ 30.2158, 0.5138,
0.3946

■ 95.2288, 0.2964,
0.3290

■ 26.9332, 0.5440,
0.3919

■ 24.2023, 0.5690,
0.3839

■ 23.5202, 0.5755,
0.3813

Harmonies

Analogous

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



56.0741, 0.3608, 0.3356



56.0741, 0.3643, 0.3566



56.0741, 0.3534, 0.3715

Triad

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



56.0741, 0.3643, 0.3566



56.0741, 0.2819, 0.3441



56.0741, 0.2925, 0.2866

Complementary

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



56.0741, 0.3643, 0.3566



56.8789, 0.2703, 0.2996

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.



56.0741, 0.2727, 0.2872



56.0741, 0.3643, 0.3566



56.0741, 0.2669, 0.3193

Square

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



56.0741, 0.3643, 0.3566



56.0741, 0.3055, 0.3652



56.0741, 0.2636, 0.2986



56.0741, 0.3184, 0.2964

Rectangle

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



56.0741, 0.3643, 0.3566



56.0741, 0.3398, 0.3755



56.0741, 0.2636, 0.2986



56.0741, 0.2849, 0.2856

Sweetspot

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



56.0767, 0.3643, 0.3566



91.0392, 0.3258, 0.3368



48.1373, 0.3361, 0.2861



19.1409, 0.3285, 0.3383



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.



56.0767, 0.3643, 0.3566



67.1192, 0.3788, 0.3631



70.8187, 0.3556, 0.3895



15.2790, 0.3283, 0.3382



13.7991, 0.5727, 0.3834



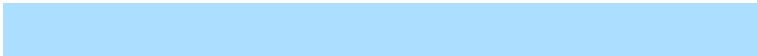
1.1956, 0.5457, 0.4049

Inverse Universe

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



56.8789, 0.2703, 0.2996



68.3164, 0.2609, 0.2920



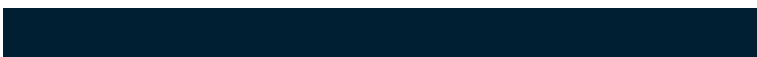
43.6891, 0.2664, 0.2603



15.3496, 0.2981, 0.3197



14.2463, 0.1881, 0.1972



1.2317, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 56.0741, 0.3643, 0.3566 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 56.0741, 0.3643, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

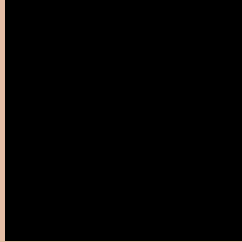
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0741, 0.3643, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 56.0741, 0.3643, 0.3566.



This preview shows how white text looks on a background with the Yxy color 56.0741, 0.3643, 0.3566.

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

56.0741, 0.3643, 0.3566

Protanopia

56.2447, 0.3422, 0.3616

Deuteranopia

56.0741, 0.3643, 0.3566



Tritanopia

56.0239, 0.3405, 0.3124

Trichromacy



Original Color

56.0741, 0.3643, 0.3566

Protanomaly

55.8952, 0.3496, 0.3587

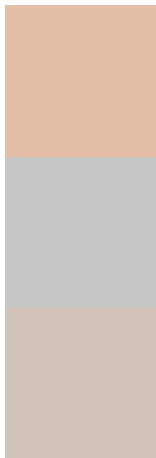
Deuteranomaly

56.0741, 0.3643, 0.3566

Tritanomaly

56.1604, 0.3493, 0.3280

Monochromacy



Original Color

56.0741, 0.3643, 0.3566

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7693, 0.3308, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0741, 0.3643, 0.3566 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, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(228, 190, 166)  
}
```

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, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 190, 166) }
```

Border

The CSS property to change the border of an element to Yxy 56.0741, 0.3643, 0.3566 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, 190, 166) }
```

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

```
.border{ border-color:rgb(228, 190, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 190, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 190, 166);  
box-shadow:4px 4px 4px 4px rgb(228, 190,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0741, 0.3643, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 190, 166) }
```

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

```
.background{ background-color: rgb(228,  
190, 166) }
```

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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