

Converting Colors

$Yxy(56.5021, 0.3594, 0.3485)$

Have a look what the booklet for
Yxy(56.5021, 0.3594, 0.3485)
contains.

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Color

Yxy(56.5021, 0.3594, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	E5BEAD
RGB	229, 190, 173
RGB Percent	90%, 75%, 68%
CMY	0.1019, 0.2549, 0.3217
CMYK	0.00, 0.17, 0.24, 0.10
HSL	18°, 52%, 79%
HSV	18°, 24%, 90%
XYZ	58.2693, 56.5021, 47.3580
YIQ	199.7230, 28.7010, 2.9810

Conversions

Conversions Part 2

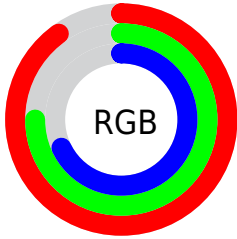
Format	Color
R _Y B	229, 197, 173
Decimal	15056557
CIE Lab	79.90, 11.40, 13.81
CIE LCh	80, 17.905, 50.467
Yxy	56.5021, 0.3594, 0.3485
Android (android.graphics.Color)	4293246637 (0xFFE5BEAD)
YUV	199.7230, -13.1744, 25.6759
Hunter-Lab	75.1679, 6.8274, 15.2631

Details

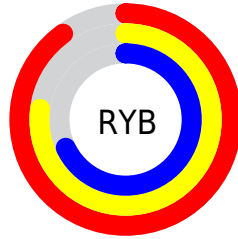
The Yxy color **56.5021, 0.3594, 0.3485** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.6165, 0.2750, 0.3086**, and the grayscale version is **57.6499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7730, 0.3296, 0.3466**, and **28.1560, 0.3715, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **49.1605, 0.3847, 0.3570**, and if you desaturate by 10%, it is **64.7561, 0.3379, 0.3402**.

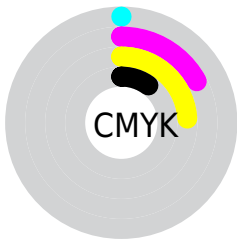
Distribution



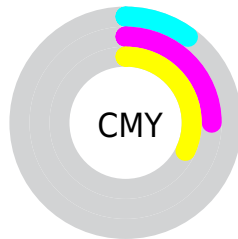
- Red (90%)
- Green (75%)
- Blue (68%)



- Red (90%)
- Yellow (77%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5021, 0.3594, 0.3485 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 56.5021, 0.3594, 0.3485 by changing the saturation by 10% instead.


 56.5021, 0.3594,
0.3485

 56.5021, 0.3594,
0.3485

411.5810, 0.3366,
0.3395

 40.6056, 0.3649,
0.3505

 99.7383, 0.3513,
0.3454

 28.0111, 0.3719,
0.3530


127.8469, 0.3482,
0.3442

 18.3340, 0.3809,
0.3562


160.7949, 0.3455,
0.3431

 11.1900, 0.3932,
0.3602

198.9668, 0.3433,
0.3422

 6.1948, 0.4108,
0.3654

242.7469, 0.3413,
0.3414

 2.9639, 0.4378,
0.3722

292.5198, 0.3395,

 1.1129, 0.5137,

0.3407

0.4037

348.6696, 0.3380,
0.3401

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5021, 0.3594,
0.3485

56.5021, 0.3594,
0.3485

49.1605, 0.3847,
0.3570

64.7561, 0.3379,
0.3402

42.6917, 0.4140,
0.3651

73.9451, 0.3198,
0.3323

37.0643, 0.4472,
0.3722

84.1004, 0.3046,
0.3250

32.2422, 0.4834,
0.3773

94.6172, 0.2970,
0.3277

■ 28.1860, 0.5205,
0.3791

■ 95.3993, 0.2970,
0.3290

■ 24.8532, 0.5554,
0.3765

■ 22.1956, 0.5843,
0.3691

■ 20.9891, 0.5975,
0.3637

Harmonies

Analogous

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



56.5021, 0.3522, 0.3289



56.5021, 0.3594, 0.3485



56.5021, 0.3535, 0.3640

Triad

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



56.5021, 0.3594, 0.3485



56.5021, 0.2910, 0.3490



56.5021, 0.2883, 0.2899

Complementary

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



56.5021, 0.3594, 0.3485



61.6165, 0.2750, 0.3086

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.



56.5021, 0.2731, 0.2936



56.5021, 0.3594, 0.3485



56.5021, 0.2746, 0.3272

Square

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



56.5021, 0.3594, 0.3485



56.5021, 0.3136, 0.3653



56.5021, 0.2682, 0.3068



56.5021, 0.3104, 0.2960

Rectangle

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



56.5021, 0.3594, 0.3485



56.5021, 0.3432, 0.3697



56.5021, 0.2682, 0.3068



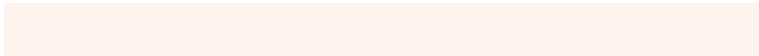
56.5021, 0.2822, 0.2900

Sweetspot

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



56.5047, 0.3594, 0.3485



91.2300, 0.3242, 0.3343



51.3014, 0.3293, 0.2855



19.3712, 0.3253, 0.3348



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.



56.5047, 0.3594, 0.3485



67.5577, 0.3708, 0.3525



69.7156, 0.3523, 0.3786



15.0786, 0.3285, 0.3362



12.1855, 0.5948, 0.3659



1.0597, 0.5661, 0.3887

Inverse Universe

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



61.6165, 0.2750, 0.3086



75.0601, 0.2679, 0.3041



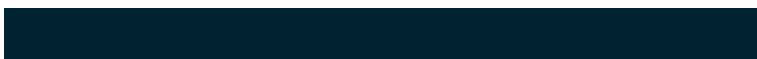
48.8967, 0.2721, 0.2740



15.5582, 0.2981, 0.3217



17.7136, 0.1964, 0.2270



1.4708, 0.2010, 0.2437

Previews

White Background



This preview shows how the Yxy color 56.5021, 0.3594, 0.3485 looks on a white background.

Color Contrast Check

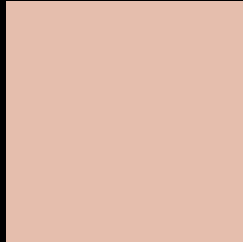
Large Text (above 18pt) WCAG AA × Fail

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 56.5021, 0.3594, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

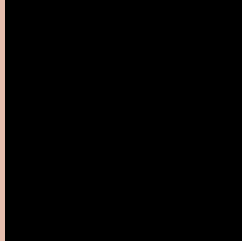
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5021, 0.3594, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 56.5021, 0.3594, 0.3485.



This preview shows how white text looks on a background with the Yxy color 56.5021, 0.3594, 0.3485.

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

56.5021, 0.3594, 0.3485

Protanopia

56.8279, 0.3358, 0.3543

Deuteranopia

56.6096, 0.3574, 0.3497



Tritanopia

56.4437, 0.3403, 0.3135

Trichromacy



Original Color

56.5021, 0.3594, 0.3485

Protanomaly

56.6119, 0.3438, 0.3515

Deuteranomaly

56.7727, 0.3582, 0.3497

Tritanomaly

56.2473, 0.3476, 0.3257

Monochromacy



Original Color

56.5021, 0.3594, 0.3485

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0464, 0.3293, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5021, 0.3594, 0.3485 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(229, 190, 173)` looks like.

```
.text, #text, p{  
    color:rgb(229, 190, 173)  
}
```

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(229, 190, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 190, 173) }
```

Border

The CSS property to change the border of an element to Yxy 56.5021, 0.3594, 0.3485 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(229, 190, 173) }
```

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

```
.border{ border-color:rgb(229, 190, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 190, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 190, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 190, 173); box-shadow:4px 4px 4px 4px rgb(229, 190, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5021, 0.3594, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 190, 173) }
```

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

```
.background{ background-color: rgb(229,  
190, 173) }
```

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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