

Converting Colors

$Y_{xy}(56.3769, 0.3577, 0.3474)$

Have a look what the booklet for
Yxy(56.3769, 0.3577, 0.3474)
contains.

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Color

Yxy(56.3769, 0.3577, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	E4BEAE
RGB	228, 190, 174
RGB Percent	89%, 75%, 68%
CMY	0.1059, 0.2549, 0.3177
CMYK	0.00, 0.17, 0.24, 0.11
HSL	18°, 50%, 79%
HSV	18°, 24%, 89%
XYZ	58.0484, 56.3769, 47.8571
YIQ	199.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

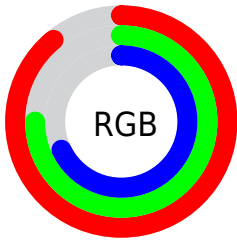
Format	Color
R _Y B	228, 197, 174
Decimal	14991022
CIE Lab	79.83, 11.17, 13.16
CIE LCh	80, 17.256, 49.681
Yxy	56.3769, 0.3577, 0.3474
Android (android.graphics.Color)	4293181102 (0xFFE4BEAE)
YUV	199.5380, -12.5902, 24.9612
Hunter-Lab	75.0846, 6.6017, 14.7692

Details

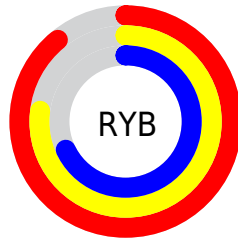
The Yxy color **56.3769, 0.3577, 0.3474** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.6777, 0.2762, 0.3098**, and the grayscale version is **57.5271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8287, 0.3289, 0.3457**, and **28.0671, 0.3692, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **48.9945, 0.3828, 0.3557**, and if you desaturate by 10%, it is **64.6799, 0.3365, 0.3393**.

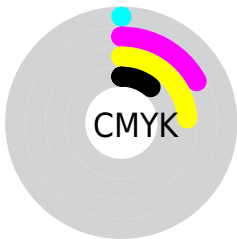
Distribution



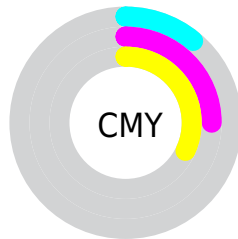
- Red (89%)
- Green (75%)
- Blue (68%)



- Red (89%)
- Yellow (77%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3769, 0.3577, 0.3474 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 56.3769, 0.3577, 0.3474 by changing the saturation by 10% instead.


 56.3769, 0.3577,
0.3474

 56.3769, 0.3577,
0.3474


411.1103, 0.3358,
0.3389

 40.5052, 0.3630,
0.3493


 99.5554, 0.3499,
0.3445

 27.9327, 0.3697,
0.3517


127.6310, 0.3469,
0.3433

 18.2749, 0.3785,
0.3547


160.5434, 0.3443,
0.3423

 11.1475, 0.3904,
0.3585

198.6769, 0.3421,
0.3414

 6.1662, 0.4074,
0.3635

242.4160, 0.3402,
0.3407

 2.9464, 0.4336,
0.3700

292.1450, 0.3386,

 1.1038, 0.5052,

0.3400

0.3990

348.2483, 0.3371,
0.3394

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3769, 0.3577,
0.3474

56.3769, 0.3577,
0.3474

48.9945, 0.3828,
0.3557

64.6799, 0.3365,
0.3393

42.4928, 0.4119,
0.3637

73.9265, 0.3186,
0.3317

36.8401, 0.4451,
0.3707

84.1483, 0.3035,
0.3246

31.9998, 0.4814,
0.3758

94.6997, 0.2964,
0.3281

■ 27.9325, 0.5189,
0.3778

■ 95.2351, 0.2964,
0.3290

■ 24.5950, 0.5544,
0.3754

■ 21.9391, 0.5841,
0.3684

■ 20.5837, 0.5993,
0.3624

Harmonies

Analogous

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



56.3769, 0.3504, 0.3284



56.3769, 0.3577, 0.3474



56.3769, 0.3524, 0.3625

Triad

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



56.3769, 0.3577, 0.3474



56.3769, 0.2923, 0.3488



56.3769, 0.2886, 0.2912

Complementary

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



56.3769, 0.3577, 0.3474



61.6777, 0.2762, 0.3098

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.



56.3769, 0.2742, 0.2950



56.3769, 0.3577, 0.3474



56.3769, 0.2762, 0.3278

Square

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



56.3769, 0.3577, 0.3474



56.3769, 0.3142, 0.3643



56.3769, 0.2697, 0.3081



56.3769, 0.3099, 0.2968

Rectangle

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



56.3769, 0.3577, 0.3474



56.3769, 0.3426, 0.3681



56.3769, 0.2697, 0.3081



56.3769, 0.2829, 0.2914

Sweetspot

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



56.3795, 0.3577, 0.3474



91.1520, 0.3242, 0.3342



51.5494, 0.3279, 0.2860



19.3532, 0.3253, 0.3347



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.



56.3795, 0.3577, 0.3474



68.2593, 0.3684, 0.3511



68.8169, 0.3512, 0.3760



15.0611, 0.3285, 0.3360



12.0649, 0.5966, 0.3645



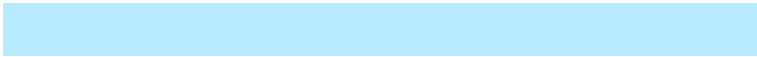
1.0490, 0.5678, 0.3873

Inverse Universe

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



61.6777, 0.2762, 0.3098



76.1067, 0.2695, 0.3057



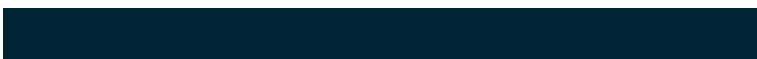
49.5849, 0.2736, 0.2771



15.5766, 0.2981, 0.3219



18.0442, 0.1971, 0.2296



1.4932, 0.2016, 0.2459

Previews

White Background



This preview shows how the Yxy color 56.3769, 0.3577, 0.3474 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 56.3769, 0.3577, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

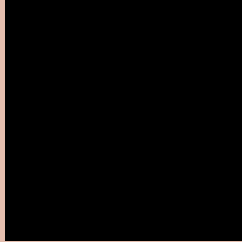
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3769, 0.3577, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 56.3769, 0.3577, 0.3474.



This preview shows how white text looks on a background with the Yxy color 56.3769, 0.3577, 0.3474.

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

56.3769, 0.3577, 0.3474

Protanopia

56.2687, 0.3343, 0.3519

Deuteranopia

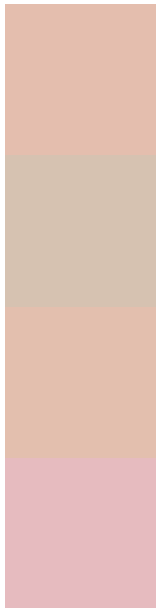
56.4863, 0.3557, 0.3486



Tritanopia

56.3238, 0.3387, 0.3124

Trichromacy



Original Color

56.3769, 0.3577, 0.3474

Protanomaly

56.0540, 0.3424, 0.3492

Deuteranomaly

56.6485, 0.3566, 0.3486

Tritanomaly

56.1252, 0.3459, 0.3246

Monochromacy



Original Color

56.3769, 0.3577, 0.3474

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9431, 0.3278, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3769, 0.3577, 0.3474 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(228, 190, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 190, 174) }
```

Border

The CSS property to change the border of an element to Yxy 56.3769, 0.3577, 0.3474 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, 174) }
```

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

```
.border{ border-color:rgb(228, 190, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 190, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 190, 174); box-shadow:4px 4px 4px 4px rgb(228, 190, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3769, 0.3577, 0.3474 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, 174) }
```

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

```
.background{ background-color: rgb(228,  
190, 174) }
```

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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