

Converting Colors

$Y_{xy}(56.7680, 0.3647, 0.3461)$

Have a look what the booklet for
Yxy(56.7680, 0.3647, 0.3461)
contains.

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Color

Yxy(56.6457, 0.3651, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	EBBCAD
RGB	235, 188, 173
RGB Percent	92%, 74%, 68%
CMY	0.0784, 0.2627, 0.3215
CMYK	0.00, 0.20, 0.26, 0.08
HSL	15°, 61%, 80%
HSV	15°, 26%, 92%
XYZ	59.7900, 56.6457, 47.3276
YIQ	200.3430, 32.8270, 5.2990

Conversions

Conversions Part 2

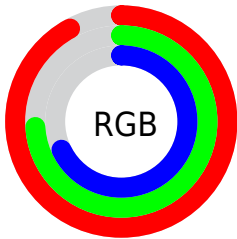
Format	Color
R _Y B	235, 193, 173
Decimal	15449261
CIE Lab	79.98, 14.71, 13.98
CIE LCh	80, 20.295, 43.545
Yxy	56.6457, 0.3651, 0.3459
Android (android.graphics.Color)	4293639341 (0xFFEBBCAD)
YUV	200.3430, -13.4801, 30.3942
Hunter-Lab	75.2633, 10.0914, 15.4012

Details

The Yxy color **56.6457, 0.3651, 0.3459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0851, 0.2725, 0.3114**, and the grayscale version is **58.0533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5628, 0.3298, 0.3447**, and **28.1734, 0.3782, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **48.6670, 0.3923, 0.3527**, and if you desaturate by 10%, it is **65.7298, 0.3422, 0.3392**.

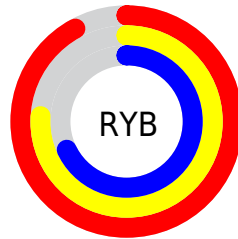
Distribution



Red (92%)

Green (74%)

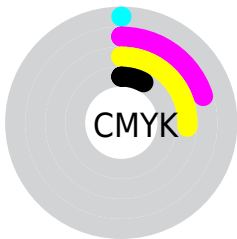
Blue (68%)



Red (92%)

Yellow (76%)

Blue (68%)

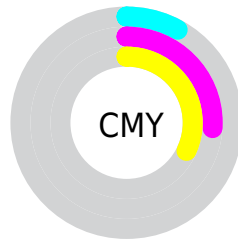


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6457, 0.3651, 0.3459 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 56.6457, 0.3651, 0.3459 by changing the saturation by 10% instead.


 56.6457, 0.3651,
0.3459

 56.6457, 0.3651,
0.3459


412.1204, 0.3395,
0.3383

 40.7209, 0.3713,
0.3476


 99.9480, 0.3560,
0.3433

 28.1010, 0.3791,
0.3496

128.0943, 0.3525,
0.3423

 18.4018, 0.3893,
0.3521


161.0832, 0.3495,
0.3414

 11.2389, 0.4031,
0.3551

199.2991, 0.3470,
0.3406

 6.2277, 0.4228,
0.3589

243.1263, 0.3448,
0.3399

 2.9840, 0.4530,
0.3632

292.9494, 0.3428,

 1.1234, 0.5341,

0.3393

0.3880

349.1526, 0.3411,
0.3388

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6457, 0.3651,
0.3459

56.6457, 0.3651,
0.3459

48.6670, 0.3923,
0.3527

65.7298, 0.3422,
0.3392

41.7435, 0.4242,
0.3590

75.9517, 0.3232,
0.3328

35.8323, 0.4604,
0.3643

87.3520, 0.3073,
0.3269

30.8849, 0.4998,
0.3675

96.4032, 0.3005,
0.3290

■ 26.8482, 0.5396,
0.3675

■ 23.6637, 0.5756,
0.3635

■ 21.2652, 0.6036,
0.3555

■ 20.5694, 0.6119,
0.3524

Harmonies

Analogous

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



56.6457, 0.3537, 0.3235



56.6457, 0.3651, 0.3459



56.6457, 0.3617, 0.3651

Triad

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



56.6457, 0.3651, 0.3459



56.6457, 0.2936, 0.3569



56.6457, 0.2802, 0.2849

Complementary

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



56.6457, 0.3651, 0.3459



66.0851, 0.2725, 0.3114

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.



56.6457, 0.2656, 0.2914



56.6457, 0.3651, 0.3459



56.6457, 0.2731, 0.3326

Square

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



56.6457, 0.3651, 0.3459



56.6457, 0.3198, 0.3730



56.6457, 0.2630, 0.3085



56.6457, 0.3039, 0.2894

Rectangle

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



56.6457, 0.3651, 0.3459



56.6457, 0.3517, 0.3734



56.6457, 0.2630, 0.3085



56.6457, 0.2741, 0.2858

Sweetspot

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



56.6483, 0.3651, 0.3459



89.2790, 0.3261, 0.3339



52.7546, 0.3275, 0.2777



18.6998, 0.3288, 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.



56.6483, 0.3651, 0.3459



62.4861, 0.3802, 0.3498



71.0717, 0.3568, 0.3784



15.6451, 0.3287, 0.3348



11.6130, 0.6092, 0.3545



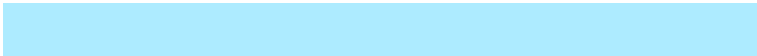
1.0582, 0.5824, 0.3757

Inverse Universe

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



66.0851, 0.2725, 0.3114



75.7265, 0.2642, 0.3070



51.5176, 0.2690, 0.2741



16.4691, 0.2981, 0.3232



21.3133, 0.2025, 0.2490



1.8210, 0.2060, 0.2614

Previews

White Background



This preview shows how the Yxy color 56.6457, 0.3651, 0.3459 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 56.6457, 0.3651, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

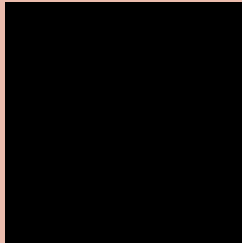
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6457, 0.3651, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 56.6457, 0.3651, 0.3459.

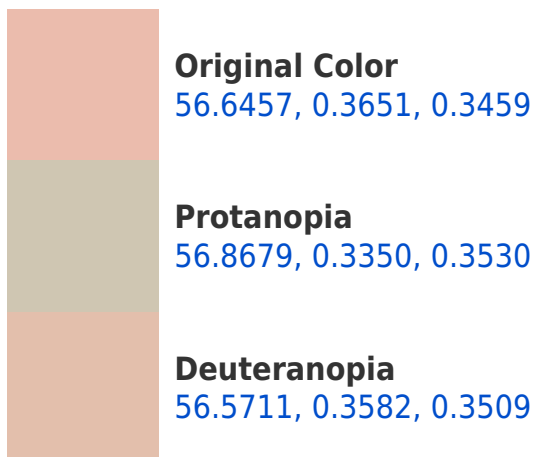


This preview shows how white text looks on a background with the Yxy color 56.6457, 0.3651, 0.3459.

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





Tritanopia

56.5353, 0.3474, 0.3138

Trichromacy



Original Color

56.6457, 0.3651, 0.3459

Protanomaly

56.4699, 0.3457, 0.3502

Deuteranomaly

56.6285, 0.3611, 0.3496

Tritanomaly

56.3766, 0.3540, 0.3247

Monochromacy



Original Color

56.6457, 0.3651, 0.3459

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3437, 0.3310, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6457, 0.3651, 0.3459 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(235, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 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(235, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 173) }
```

Border

The CSS property to change the border of an element to Yxy 56.6457, 0.3651, 0.3459 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(235, 188, 173) }
```

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

```
.border{ border-color:rgb(235, 188, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6457, 0.3651, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 173) }
```

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

```
.background{ background-color: rgb(235,  
188, 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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