

Converting Colors

$Yxy(55.9719, 0.3654, 0.3406)$

Have a look what the booklet for
Yxy(55.9719, 0.3654, 0.3406)
contains.

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Color

Yxy(56.2175, 0.3657, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	EDBAAF
RGB	237, 186, 175
RGB Percent	93%, 73%, 69%
CMY	0.0706, 0.2705, 0.3137
CMYK	0.00, 0.22, 0.26, 0.07
HSL	11°, 63%, 81%
HSV	11°, 26%, 93%
XYZ	60.2189, 56.2175, 48.2311
YIQ	199.9950, 33.9270, 7.3910

Conversions

Conversions Part 2

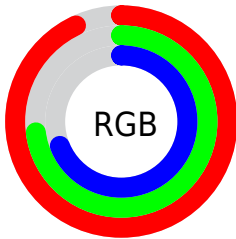
Format	Color
R _Y B	237, 188, 175
Decimal	15579823
CIE Lab	79.74, 16.78, 12.61
CIE LCh	80, 20.986, 36.919
Yxy	56.2175, 0.3657, 0.3414
Android (android.graphics.Color)	4293769903 (0xFFEDBAAF)
YUV	199.9950, -12.3225, 32.4534
Hunter-Lab	74.9783, 12.1504, 14.3455

Details

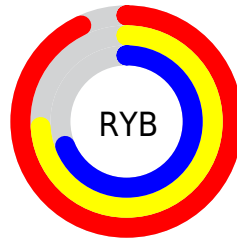
The Yxy color **56.2175, 0.3657, 0.3414** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6063, 0.2732, 0.3162**, and the grayscale version is **57.8182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5338, 0.3281, 0.3398**, and **27.9084, 0.3791, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **47.7097, 0.3940, 0.3464**, and if you desaturate by 10%, it is **66.0138, 0.3422, 0.3364**.

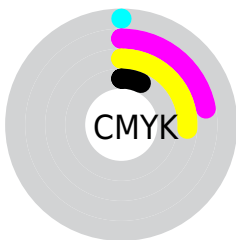
Distribution



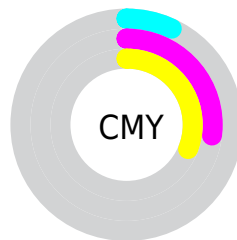
- Red (93%)
- Green (73%)
- Blue (69%)



- Red (93%)
- Yellow (74%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (26%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2175, 0.3657, 0.3414 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 56.2175, 0.3657, 0.3414 by changing the saturation by 10% instead.


 56.2175, 0.3657,
0.3414

 56.2175, 0.3657,
0.3414


410.5107, 0.3398,
0.3359

 40.3773, 0.3720,
0.3426


 99.3225, 0.3564,
0.3396

 27.8329, 0.3799,
0.3439


127.3562, 0.3529,
0.3388

 18.1997, 0.3903,
0.3455


160.2231, 0.3499,
0.3382

 11.0935, 0.4044,
0.3475

198.3077, 0.3473,
0.3376

 6.1297, 0.4246,
0.3496

241.9943, 0.3451,
0.3371

 2.9241, 0.4557,
0.3516

291.6674, 0.3431,

 1.0923, 0.5336,

0.3367

0.3679

347.7114, 0.3414,
0.3363

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.2175, 0.3657,
0.3414

56.2175, 0.3657,
0.3414

47.7097, 0.3940,
0.3464

66.0138, 0.3422,
0.3364

40.4290, 0.4275,
0.3511

77.1412, 0.3229,
0.3317

34.3206, 0.4661,
0.3549

89.6498, 0.3070,
0.3274

29.3225, 0.5081,
0.3569

96.7429, 0.3017,
0.3290

■ 25.3668, 0.5504,
0.3563

■ 22.3780, 0.5880,
0.3525

■ 20.2695, 0.6156,
0.3457

■ 19.6667, 0.6236,
0.3430

Harmonies

Analogous

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



56.2175, 0.3507, 0.3183



56.2175, 0.3657, 0.3414



56.2175, 0.3656, 0.3626

Triad

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



56.2175, 0.3657, 0.3414



56.2175, 0.2986, 0.3627



56.2175, 0.2748, 0.2838

Complementary

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



56.2175, 0.3657, 0.3414



69.6063, 0.2732, 0.3162

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.



56.2175, 0.2622, 0.2931



56.2175, 0.3657, 0.3414



56.2175, 0.2755, 0.3386

Square

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



56.2175, 0.3657, 0.3414



56.2175, 0.3261, 0.3766



56.2175, 0.2625, 0.3128



56.2175, 0.2976, 0.2860

Rectangle

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



56.2175, 0.3657, 0.3414



56.2175, 0.3572, 0.3727



56.2175, 0.2625, 0.3128



56.2175, 0.2693, 0.2856

Sweetspot

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



56.2201, 0.3657, 0.3414



88.5151, 0.3262, 0.3326



54.1880, 0.3240, 0.2740



18.5088, 0.3290, 0.3333



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.



56.2201, 0.3657, 0.3414



61.2178, 0.3791, 0.3439



70.3765, 0.3575, 0.3738



15.4867, 0.3288, 0.3333



10.8720, 0.6213, 0.3448



0.9784, 0.5964, 0.3646

Inverse Universe

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



69.6063, 0.2732, 0.3162



79.3276, 0.2663, 0.3134



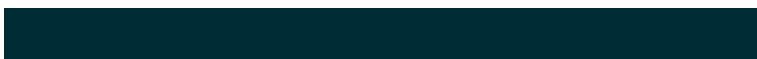
54.5539, 0.2698, 0.2797



16.6400, 0.2981, 0.3247



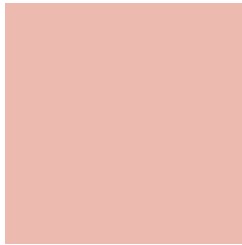
24.7952, 0.2087, 0.2713



2.0661, 0.2112, 0.2801

Previews

White Background



This preview shows how the Yxy color 56.2175, 0.3657, 0.3414 looks on a white background.

Color Contrast Check

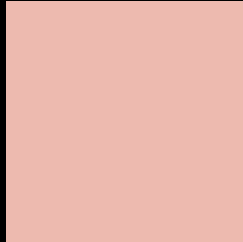
Large Text (above 18pt) WCAG AA × Fail

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 56.2175, 0.3657, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

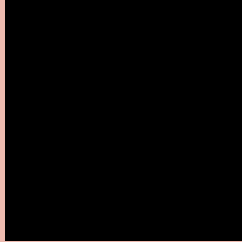
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2175, 0.3657, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 56.2175, 0.3657, 0.3414.



This preview shows how white text looks on a background with the Yxy color 56.2175, 0.3657, 0.3414.

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

56.2175, 0.3657, 0.3414

Protanopia

56.2478, 0.3312, 0.3483

Deuteranopia

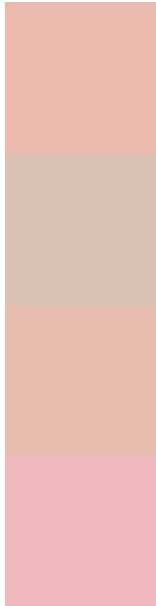
56.4863, 0.3557, 0.3486



Tritanopia

56.2489, 0.3493, 0.3138

Trichromacy



Original Color

56.2175, 0.3657, 0.3414

Protanomaly

56.1463, 0.3435, 0.3455

Deuteranomaly

56.2742, 0.3597, 0.3462

Tritanomaly

56.1322, 0.3551, 0.3236

Monochromacy



Original Color

56.2175, 0.3657, 0.3414

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9379, 0.3303, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2175, 0.3657, 0.3414 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(237, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(237, 186, 175)  
}
```

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(237, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 186, 175) }
```

Border

The CSS property to change the border of an element to Yxy 56.2175, 0.3657, 0.3414 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(237, 186, 175) }
```

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

```
.border{ border-color:rgb(237, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(237, 186,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2175, 0.3657, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 186, 175) }
```

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

```
.background{ background-color: rgb(237,  
186, 175) }
```

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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