

Converting Colors

$Yxy(56.2967, 0.3640, 0.3392)$

Have a look what the booklet for
Yxy(56.2967, 0.3640, 0.3392)
contains.

Yxy(56.2967, 0.3640, 0.3392)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.2967, 0.3640, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	EDBAB1
RGB	237, 186, 177
RGB Percent	93%, 73%, 69%
CMY	0.0707, 0.2705, 0.3060
CMYK	0.00, 0.22, 0.25, 0.07
HSL	9°, 62%, 81%
HSV	9°, 25%, 93%
XYZ	60.4127, 56.2967, 49.2596
YIQ	200.2230, 33.2850, 8.0130

Conversions

Conversions Part 2

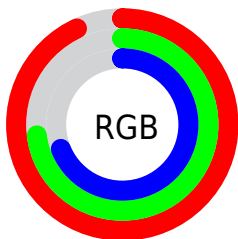
Format	Color
R _Y B	237, 188, 177
Decimal	15579825
CIE Lab	79.78, 17.04, 11.61
CIE LCh	80, 20.621, 34.255
Yxy	56.2967, 0.3640, 0.3392
Android (android.graphics.Color)	4293769905 (0xFFEDBAB1)
YUV	200.2230, -11.4489, 32.2534
Hunter-Lab	75.0311, 12.4182, 13.5966

Details

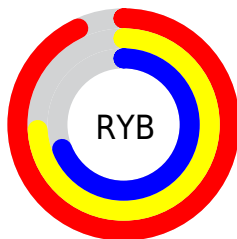
The Yxy color **56.2967, 0.3640, 0.3392** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9073, 0.2746, 0.3185**, and the grayscale version is **57.9596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6475, 0.3269, 0.3378**, and **27.9336, 0.3780, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **47.5433, 0.3923, 0.3435**, and if you desaturate by 10%, it is **66.4137, 0.3406, 0.3350**.

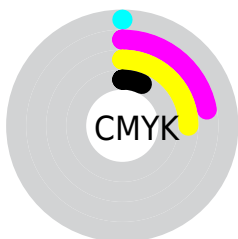
Distribution



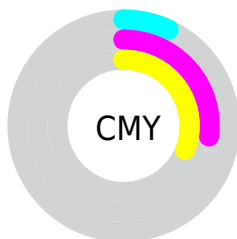
- Red (93%)
- Green (73%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (7%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2967, 0.3640, 0.3392 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 56.2967, 0.3640, 0.3392 by changing the saturation by 10% instead.


 56.2967, 0.3640,
0.3392

 56.2967, 0.3640,
0.3392


410.8087, 0.3389,
0.3348

 40.4409, 0.3701,
0.3401


 99.4383, 0.3550,
0.3377

 27.8824, 0.3778,
0.3412


127.4927, 0.3516,
0.3371

 18.2371, 0.3878,
0.3425


160.3823, 0.3487,
0.3366

 11.1203, 0.4015,
0.3439

198.4912, 0.3462,
0.3362

 6.1478, 0.4210,
0.3455

242.2039, 0.3440,
0.3358

 2.9352, 0.4513,
0.3467

291.9047, 0.3421,

 1.0980, 0.5221,

0.3354

0.3580

347.9782, 0.3404,
0.3351

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.2967, 0.3640,
0.3392

56.2967, 0.3640,
0.3392

47.5433, 0.3923,
0.3435

66.4137, 0.3406,
0.3350

40.0875, 0.4261,
0.3475

77.9411, 0.3215,
0.3310

33.8695, 0.4653,
0.3507

90.9330, 0.3058,
0.3273

28.8219, 0.5082,
0.3525

96.7416, 0.3017,
0.3290

■ 24.8705, 0.5516,
0.3520

■ 21.9327, 0.5902,
0.3487

■ 19.9134, 0.6182,
0.3427

■ 19.2471, 0.6276,
0.3399

Harmonies

Analogous

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



56.2967, 0.3482, 0.3166



56.2967, 0.3640, 0.3392



56.2967, 0.3653, 0.3604

Triad

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



56.2967, 0.3640, 0.3392



56.2967, 0.3012, 0.3638



56.2967, 0.2739, 0.2849

Complementary

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



56.2967, 0.3640, 0.3392



70.9073, 0.2746, 0.3185

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.



56.2967, 0.2626, 0.2951



56.2967, 0.3640, 0.3392



56.2967, 0.2778, 0.3407

Square

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



56.2967, 0.3640, 0.3392



56.2967, 0.3283, 0.3762



56.2967, 0.2640, 0.3152



56.2967, 0.2956, 0.2861

Rectangle

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



56.2967, 0.3640, 0.3392



56.2967, 0.3578, 0.3709



56.2967, 0.2640, 0.3152



56.2967, 0.2688, 0.2871

Sweetspot

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



56.2993, 0.3640, 0.3392



88.1955, 0.3263, 0.3321



55.0334, 0.3227, 0.2748



18.4289, 0.3291, 0.3327



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.



56.2993, 0.3640, 0.3392



61.3362, 0.3769, 0.3413



70.2748, 0.3561, 0.3713



15.4205, 0.3289, 0.3326



10.6274, 0.6255, 0.3415



0.9471, 0.6023, 0.3599

Inverse Universe

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



70.9073, 0.2746, 0.3185



81.1246, 0.2679, 0.3163



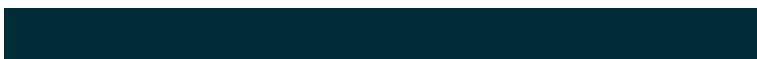
55.8325, 0.2714, 0.2827



16.7123, 0.2981, 0.3254



26.3678, 0.2112, 0.2805



2.1754, 0.2133, 0.2879

Previews

White Background



This preview shows how the Yxy color 56.2967, 0.3640, 0.3392 looks on a white background.

Color Contrast Check

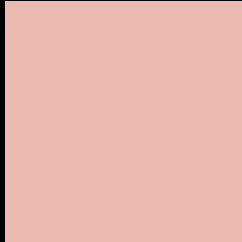
Large Text (above 18pt) WCAG AA × Fail

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 56.2967, 0.3640, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

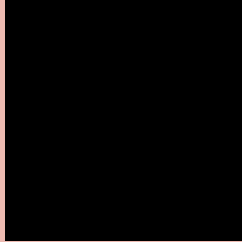
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2967, 0.3640, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 56.2967, 0.3640, 0.3392.



This preview shows how white text looks on a background with the Yxy color 56.2967, 0.3640, 0.3392.

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

56.2967, 0.3640, 0.3392

Protanopia

56.3305, 0.3297, 0.3459

Deuteranopia

56.4037, 0.3532, 0.3463



Tritanopia

56.2489, 0.3493, 0.3138

Trichromacy



Original Color

56.2967, 0.3640, 0.3392

Protanomaly

56.2278, 0.3419, 0.3431

Deuteranomaly

56.1878, 0.3571, 0.3439

Tritanomaly

56.1758, 0.3542, 0.3225

Monochromacy



Original Color

56.2967, 0.3640, 0.3392

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9821, 0.3296, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2967, 0.3640, 0.3392 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(237, 186, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 186, 177) }
```

Border

The CSS property to change the border of an element to Yxy 56.2967, 0.3640, 0.3392 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, 177) }
```

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

```
.border{ border-color:rgb(237, 186, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 186, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 186, 177);  
box-shadow:4px 4px 4px 4px rgb(237, 186,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2967, 0.3640, 0.3392 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, 177) }
```

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

```
.background{ background-color: rgb(237,  
186, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor