

Converting Colors

Yxy(56.6189, 0.3603, 0.3483)

Have a look what the booklet for
Yxy(56.6189, 0.3603, 0.3483)
contains.

| | |
|---|----|
| Yxy(56.6670, 0.3602, 0.3484) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(56.6670, 0.3602, 0.3484)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E6BEAD |
| RGB | 230, 190, 173 |
| RGB Percent | 90%, 75%, 68% |
| CMY | 0.0981, 0.2549, 0.3215 |
| CMYK | 0.00, 0.17, 0.25, 0.10 |
| HSL | 18°, 53%, 79% |
| HSV | 18°, 25%, 90% |
| XYZ | 58.5863, 56.6670, 47.3960 |
| YIQ | 200.0220, 29.2970, 3.1930 |

Conversions

Conversions Part 2

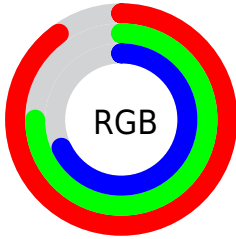
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 230, 197, 173 |
| Decimal | 15122093 |
| CIE Lab | 79.99, 11.76, 13.93 |
| CIE LCh | 80, 18.233, 49.818 |
| Yxy | 56.6670, 0.3602, 0.3484 |
| Android (android.graphics.Color) | 4293312173 (0xFFE6BEAD) |
| YUV | 200.0220, -13.3218, 26.2907 |
| Hunter-Lab | 75.2775, 7.1857, 15.3642 |

Details

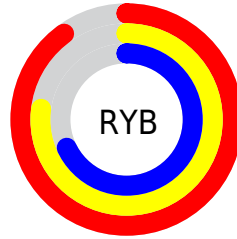
The Yxy color **56.6670, 0.3602, 0.3484** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.1833, 0.2746, 0.3087**, and the grayscale version is **57.8444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7730, 0.3296, 0.3466**, and **28.2705, 0.3727, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **49.2456, 0.3857, 0.3567**, and if you desaturate by 10%, it is **65.0210, 0.3386, 0.3402**.

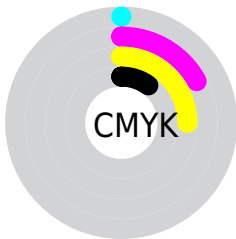
Distribution



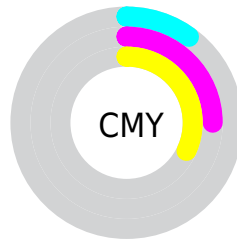
- Red (90%)
- Green (75%)
- Blue (68%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (10%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6670, 0.3602, 0.3484 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 56.6670, 0.3602, 0.3484 by changing the saturation by 10% instead.


 56.6670, 0.3602,
0.3484

 56.6670, 0.3602,
0.3484


412.2003, 0.3370,
0.3394

 40.7379, 0.3658,
0.3504


 99.9791, 0.3519,
0.3453

 28.1144, 0.3729,
0.3529


128.1310, 0.3488,
0.3441

 18.4119, 0.3821,
0.3560


161.1259, 0.3461,
0.3431

 11.2461, 0.3946,
0.3599

199.3483, 0.3438,
0.3422

 6.2326, 0.4124,
0.3650

243.1826, 0.3418,
0.3414

 2.9870, 0.4397,
0.3716

293.0131, 0.3400,

 1.1250, 0.5156,

0.3406

0.4020

349.2242, 0.3384,
0.3400

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6670, 0.3602,
0.3484

56.6670, 0.3602,
0.3484

49.2456, 0.3857,
0.3567

65.0210, 0.3386,
0.3402

42.7160, 0.4153,
0.3647

74.3311, 0.3203,
0.3325

37.0458, 0.4488,
0.3716

84.6295, 0.3050,
0.3253

32.1976, 0.4853,
0.3765

95.2827, 0.2975,
0.3285

■ 28.1310, 0.5227,
0.3780

■ 95.5597, 0.2976,
0.3290

■ 24.8017, 0.5577,
0.3752

■ 22.1600, 0.5865,
0.3677

■ 21.0264, 0.5990,
0.3626

Harmonies

Analogous

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



56.6670, 0.3526, 0.3284



56.6670, 0.3602, 0.3484



56.6670, 0.3545, 0.3644

Triad

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



56.6670, 0.3602, 0.3484



56.6670, 0.2911, 0.3498



56.6670, 0.2874, 0.2892

Complementary

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



56.6670, 0.3602, 0.3484



62.1833, 0.2746, 0.3087

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.



56.6670, 0.2722, 0.2931



56.6670, 0.3602, 0.3484



56.6670, 0.2742, 0.3276

Square

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



56.6670, 0.3602, 0.3484



56.6670, 0.3141, 0.3662



56.6670, 0.2675, 0.3068



56.6670, 0.3099, 0.2952

Rectangle

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



56.6670, 0.3602, 0.3484



56.6670, 0.3441, 0.3703



56.6670, 0.2675, 0.3068



56.6670, 0.2813, 0.2894

Sweetspot

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



56.6696, 0.3602, 0.3484



91.1700, 0.3242, 0.3342



51.5626, 0.3287, 0.2840



19.3574, 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.



56.6696, 0.3602, 0.3484



66.4159, 0.3735, 0.3529



69.7938, 0.3531, 0.3782



15.0652, 0.3285, 0.3361



12.0924, 0.5962, 0.3648



1.0515, 0.5674, 0.3877

Inverse Universe

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



62.1833, 0.2746, 0.3087



74.5603, 0.2665, 0.3037



49.4492, 0.2716, 0.2744



15.5724, 0.2981, 0.3218



17.9674, 0.1970, 0.2290



1.4880, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 56.6670, 0.3602, 0.3484 looks on a white background.

Color Contrast Check

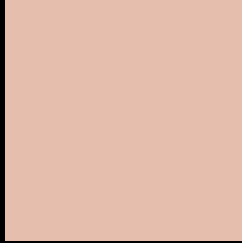
Large Text (above 18pt) WCAG AA × Fail

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 56.6670, 0.3602, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

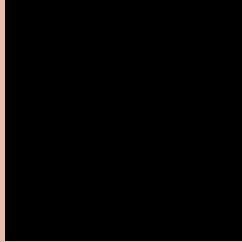
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6670, 0.3602, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 56.6670, 0.3602, 0.3484.



This preview shows how white text looks on a background with the Yxy color 56.6670, 0.3602, 0.3484.

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

56.6670, 0.3602, 0.3484

Protanopia

56.8279, 0.3358, 0.3543

Deuteranopia

56.6096, 0.3574, 0.3497



Tritanopia

56.6116, 0.3412, 0.3136

Trichromacy



Original Color

56.6670, 0.3602, 0.3484

Protanomaly

56.6119, 0.3438, 0.3515

Deuteranomaly

56.7727, 0.3582, 0.3497

Tritanomaly

56.4142, 0.3484, 0.3258

Monochromacy



Original Color

56.6670, 0.3602, 0.3484

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 56.6670, 0.3602, 0.3484 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(230, 190, 173)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 190, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 173) }
```

Border

The CSS property to change the border of an element to Yxy 56.6670, 0.3602, 0.3484 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(230, 190, 173) }
```

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

```
.border{ border-color:rgb(230, 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(230, 190, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 173);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6670, 0.3602, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 173) }
```

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

```
.background{ background-color: rgb(230,  
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](#).

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