

Converting Colors

$Y_{xy}(57.0500, 0.3739, 0.3457)$

Have a look what the booklet for
Yxy(57.0500, 0.3739, 0.3457)
contains.

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Color

Yxy(56.9353, 0.3735, 0.3456)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2BAAB |
| RGB | 242, 186, 171 |
| RGB Percent | 95%, 73%, 67% |
| CMY | 0.0509, 0.2706, 0.3294 |
| CMYK | 0.00, 0.23, 0.29, 0.05 |
| HSL | 13°, 73%, 81% |
| HSV | 13°, 29%, 95% |
| XYZ | 61.5316, 56.9353, 46.2764 |
| YIQ | 201.0340, 38.1910, 7.2070 |

Conversions

Conversions Part 2

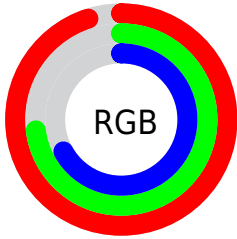
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 190, 171 |
| Decimal | 15907499 |
| CIE Lab | 80.14, 18.13, 15.39 |
| CIE LCh | 80, 23.781, 40.338 |
| Yxy | 56.9353, 0.3735, 0.3456 |
| Android (android.graphics.Color) | 4294097579 (0xFFF2BAAB) |
| YUV | 201.0340, -14.8068, 35.9272 |
| Hunter-Lab | 75.4555, 13.5142, 16.4566 |

Details

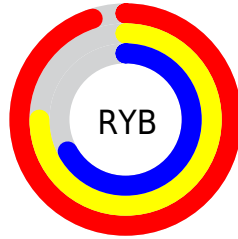
The Yxy color **56.9353, 0.3735, 0.3456** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0199, 0.2684, 0.3117**, and the grayscale version is **58.5088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2552, 0.3313, 0.3448**, and **28.4213, 0.3897, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **48.5842, 0.4028, 0.3515**, and if you desaturate by 10%, it is **66.5354, 0.3489, 0.3397**.

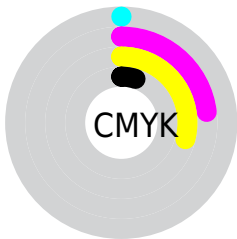
Distribution



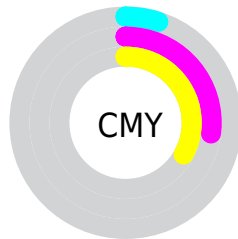
- Red (95%)
- Green (73%)
- Blue (67%)



- Red (95%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9353, 0.3735, 0.3456 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 56.9353, 0.3735, 0.3456 by changing the saturation by 10% instead.


 56.9353, 0.3735,
0.3456

 56.9353, 0.3735,
0.3456


413.2068, 0.3438,
0.3383

 40.9533, 0.3807,
0.3471


 100.3708, 0.3629,
0.3432

 28.2826, 0.3897,
0.3489


128.5930, 0.3589,
0.3422

 18.5388, 0.4015,
0.3511


161.6642, 0.3554,
0.3413

 11.3375, 0.4174,
0.3536

199.9686, 0.3525,
0.3406

 6.2943, 0.4400,
0.3564

243.8907, 0.3499,
0.3399

 3.0249, 0.4744,
0.3588

293.8148, 0.3476,

 1.1447, 0.5686,

0.3393

0.3824

350.1254, 0.3456,
0.3388

0.0159, 0.9665,
0.0335

0.0000, 0.0000,
0.0000

56.9353, 0.3735,
0.3456

56.9353, 0.3735,
0.3456

48.5842, 0.4028,
0.3515

66.5354, 0.3489,
0.3397

41.4225, 0.4370,
0.3568

77.4250, 0.3286,
0.3340

35.3977, 0.4757,
0.3609

89.6526, 0.3117,
0.3287

30.4502, 0.5170,
0.3627

97.6200, 0.3048,
0.3290

■ 26.5145, 0.5573,
0.3613

■ 23.5178, 0.5918,
0.3561

■ 21.3718, 0.6166,
0.3479

■ 21.2566, 0.6181,
0.3475

Harmonies

Analogous

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



56.9353, 0.3583, 0.3197



56.9353, 0.3735, 0.3456



56.9353, 0.3713, 0.3689

Triad

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



56.9353, 0.3735, 0.3456



56.9353, 0.2933, 0.3645



56.9353, 0.2724, 0.2779

Complementary

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



56.9353, 0.3735, 0.3456



70.0199, 0.2684, 0.3117

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.



56.9353, 0.2569, 0.2866



56.9353, 0.3735, 0.3456



56.9353, 0.2685, 0.3363

Square

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



56.9353, 0.3735, 0.3456



56.9353, 0.3241, 0.3820



56.9353, 0.2555, 0.3075



56.9353, 0.2990, 0.2819

Rectangle

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



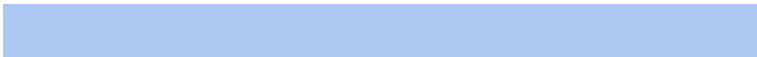
56.9353, 0.3735, 0.3456



56.9353, 0.3605, 0.3797



56.9353, 0.2555, 0.3075



56.9353, 0.2658, 0.2794

Sweetspot

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



56.9380, 0.3735, 0.3456



87.5972, 0.3280, 0.3338



53.5987, 0.3276, 0.2694



18.3451, 0.3307, 0.3346



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.



56.9380, 0.3735, 0.3456



58.5330, 0.3898, 0.3490



73.3815, 0.3630, 0.3819



16.2996, 0.3288, 0.3341



11.5769, 0.6155, 0.3495



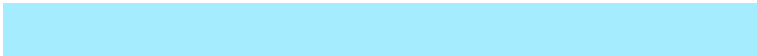
1.1029, 0.5909, 0.3690

Inverse Universe

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



70.0199, 0.2684, 0.3117



75.3798, 0.2603, 0.3077



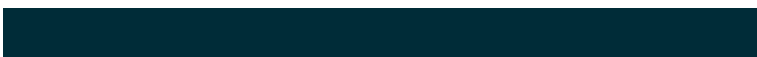
52.9049, 0.2638, 0.2697



17.3292, 0.2981, 0.3239



23.6433, 0.2055, 0.2597



2.1069, 0.2083, 0.2698

Previews

White Background



This preview shows how the Yxy color 56.9353, 0.3735, 0.3456 looks on a white background.

Color Contrast Check

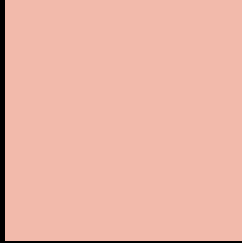
Large Text (above 18pt) WCAG AA × Fail

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 56.9353, 0.3735, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

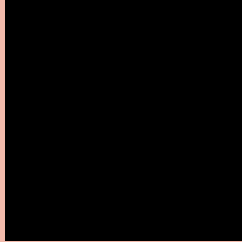
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9353, 0.3735, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 56.9353, 0.3735, 0.3456.



This preview shows how white text looks on a background with the Yxy color 56.9353, 0.3735, 0.3456.

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

56.9353, 0.3735, 0.3456

Protanopia

56.9724, 0.3366, 0.3542

Deuteranopia

57.2596, 0.3613, 0.3542



Tritanopia

56.8539, 0.3555, 0.3141

Trichromacy



Original Color

56.9353, 0.3735, 0.3456

Protanomaly

56.8944, 0.3490, 0.3512

Deuteranomaly

57.2216, 0.3662, 0.3516

Tritanomaly

56.6879, 0.3622, 0.3248

Monochromacy



Original Color

56.9353, 0.3735, 0.3456

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7965, 0.3335, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9353, 0.3735, 0.3456 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(242, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 171)  
}
```

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(242, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 171) }
```

Border

The CSS property to change the border of an element to Yxy 56.9353, 0.3735, 0.3456 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(242, 186, 171) }
```

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

```
.border{ border-color:rgb(242, 186, 171) }
```

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

Here you see how a box with a 4 pixel rgb(242, 186, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 171);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9353, 0.3735, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 171) }
```

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

```
.background{ background-color: rgb(242,  
186, 171) }
```

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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