

Converting Colors

Yxy(56.7953, 0.3541, 0.3144)

Have a look what the booklet for
Yxy(56.7953, 0.3541, 0.3144)
contains.

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Color

Yxy(56.6745, 0.3546, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	F4B6C4
RGB	244, 182, 196
RGB Percent	96%, 71%, 77%
CMY	0.0432, 0.2863, 0.2312
CMYK	0.00, 0.25, 0.20, 0.04
HSL	346°, 74%, 84%
HSV	346°, 25%, 96%
XYZ	64.0025, 56.6745, 59.8151
YIQ	202.1340, 32.4580, 17.4980

Conversions

Conversions Part 2

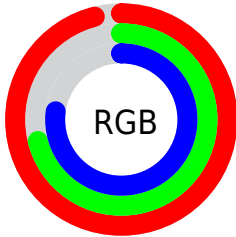
Format	Color
RYB	244, 182, 196
Decimal	16037572
CIELab	80.00, 24.47, 1.71
CIElCh	80, 24.534, 3.999
Yxy	56.6745, 0.3546, 0.3140
Android (android.graphics.Color)	4294227652 (0xFFFF4B6C4)
YUV	202.1340, -3.0241, 36.7165
Hunter-Lab	75.2825, 20.0100, 5.5893

Details

The Yxy color **56.6745, 0.3546, 0.3140** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3551, 0.2827, 0.3447**, and the grayscale version is **59.1574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5009, 0.3147, 0.3146**, and **28.2183, 0.3662, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **46.7322, 0.3782, 0.3078**, and if you desaturate by 10%, it is **68.4713, 0.3354, 0.3202**.

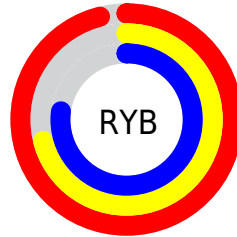
Distribution



Red (96%)

Green (71%)

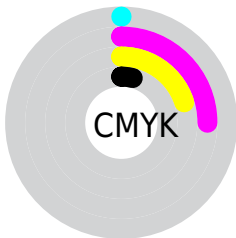
Blue (77%)



Red (96%)

Yellow (71%)

Blue (77%)

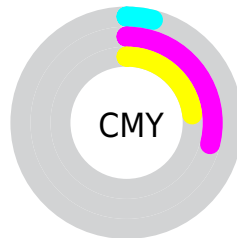


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (4%)



Cyan (4%)


Magenta (29%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6745, 0.3546, 0.3140 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 56.6745, 0.3546, 0.3140 by changing the saturation by 10% instead.


 56.6745, 0.3546,
0.3140

 56.6745, 0.3546,
0.3140


412.2285, 0.3343,
0.3214

 40.7440, 0.3595,
0.3122


 99.9901, 0.3474,
0.3166

 28.1191, 0.3657,
0.3099


128.1439, 0.3446,
0.3176

 18.4154, 0.3737,
0.3069


161.1410, 0.3422,
0.3185

 11.2487, 0.3846,
0.3029

199.3657, 0.3402,
0.3192

 6.2343, 0.4002,
0.2969

243.2024, 0.3384,
0.3199

 2.9881, 0.4243,
0.2877

293.0355, 0.3369,

 1.1255, 0.4662,

0.3204

0.2711

349.2494, 0.3355,
0.3209

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6745, 0.3546,
0.3140

56.6745, 0.3546,
0.3140

46.7322, 0.3782,
0.3078

68.4713, 0.3354,
0.3202

38.5422, 0.4067,
0.3019

82.2022, 0.3198,
0.3260

32.0044, 0.4405,
0.2971

97.8228, 0.3073,
0.3313

27.0054, 0.4787,
0.2942

97.9723, 0.3060,
0.3290

■ 23.4175, 0.5192,
0.2944

■ 21.0918, 0.5584,
0.2983

■ 19.8458, 0.5914,
0.3060

■ 19.5106, 0.6040,
0.3101

Harmonies

Analogous

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



56.6745, 0.3242, 0.2919



56.6745, 0.3546, 0.3140



56.6745, 0.3737, 0.3404

Triad

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



56.6745, 0.3546, 0.3140



56.6745, 0.3312, 0.3855



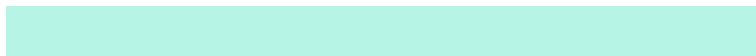
56.6745, 0.2536, 0.2888

Complementary

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



56.6745, 0.3546, 0.3140



80.3551, 0.2827, 0.3447

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.



56.6745, 0.2554, 0.3125



56.6745, 0.3546, 0.3140



56.6745, 0.2991, 0.3708

Square

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



56.6745, 0.3546, 0.3140



56.6745, 0.3593, 0.3828



56.6745, 0.2716, 0.3431



56.6745, 0.2666, 0.2771

Rectangle

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



56.6745, 0.3546, 0.3140



56.6745, 0.3768, 0.3577



56.6745, 0.2716, 0.3431



56.6745, 0.2525, 0.2955

Sweetspot

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



56.6771, 0.3546, 0.3140



86.6929, 0.3236, 0.3245



56.7342, 0.3043, 0.2634



18.0544, 0.3259, 0.3236



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.



56.6771, 0.3546, 0.3140



57.2777, 0.3650, 0.3111



63.2430, 0.3624, 0.3469



16.5440, 0.3258, 0.3237



10.6262, 0.6002, 0.3080



0.9489, 0.5659, 0.2891

Inverse Universe

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



56.6771, 0.3546, 0.3140



57.2777, 0.3650, 0.3111



71.6695, 0.2737, 0.3103



16.5440, 0.3258, 0.3237



10.6262, 0.6002, 0.3080



0.9489, 0.5659, 0.2891

Previews

White Background



This preview shows how the Yxy color 56.6745, 0.3546, 0.3140 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 56.6745, 0.3546, 0.3140 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 56.6745, 0.3546, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 56.6745, 0.3546, 0.3140.

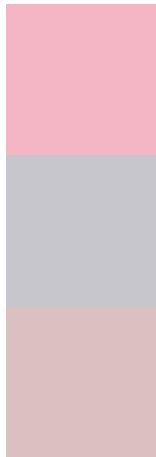


This preview shows how white text looks on a background with the Yxy color 56.6745, 0.3546, 0.3140.

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

56.6745, 0.3546, 0.3140

Protanopia

57.0753, 0.3092, 0.3207

Deuteranopia

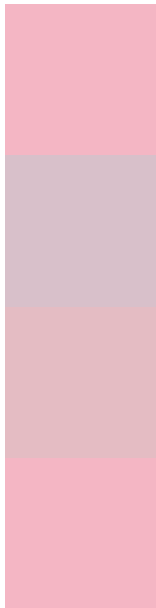
56.6544, 0.3334, 0.3268



Tritanopia

56.6745, 0.3546, 0.3140

Trichromacy



Original Color

56.6745, 0.3546, 0.3140

Protanomaly

56.5625, 0.3246, 0.3175

Deuteranomaly

56.4006, 0.3407, 0.3212

Tritanomaly

56.6745, 0.3546, 0.3140

Monochromacy



Original Color

56.6745, 0.3546, 0.3140

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.9521, 0.3267, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6745, 0.3546, 0.3140 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(244, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(244, 182, 196)  
}
```

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(244, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 182, 196) }
```

Border

The CSS property to change the border of an element to Yxy 56.6745, 0.3546, 0.3140 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(244, 182, 196) }
```

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

```
.border{ border-color:rgb(244, 182, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(244, 182,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6745, 0.3546, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 182, 196) }
```

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

```
.background{ background-color: rgb(244,  
182, 196) }
```

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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