

Converting Colors

Yxy(56.4524, 0.3524, 0.3067)

Have a look what the booklet for
Yxy(56.4524, 0.3524, 0.3067)
contains.

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Color

Yxy(56.4524, 0.3524, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	F6B4C9
RGB	246, 180, 201
RGB Percent	96%, 71%, 79%
CMY	0.0354, 0.2941, 0.2117
CMYK	0.00, 0.27, 0.18, 0.04
HSL	341°, 79%, 84%
HSV	341°, 27%, 96%
XYZ	64.8641, 56.4524, 62.7474
YIQ	202.1280, 32.5950, 20.5230

Conversions

Conversions Part 2

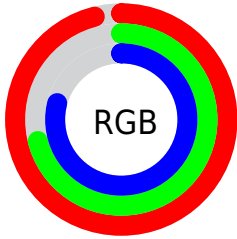
Format	Color
R_{YB}	246, 180, 201
Decimal	16168137
CIE _{Lab}	79.87, 26.97, -1.14
CIE _{LCh}	80, 26.998, 357.580
Y _{xy}	56.4524, 0.3524, 0.3067
Android (android.graphics.Color)	4294358217 (0xFFFF6B4C9)
YUV	202.1280, -0.5561, 38.4757
Hunter-Lab	75.1348, 22.6137, 3.0795

Details

The Yxy color $56.4524, 0.3524, 0.3067$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.0342, 0.2844, 0.3526$, and the grayscale version is $59.1365, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $28.1041, 0.3631, 0.3016$ is the 20% darker color. If you saturate the color by 10%, you get $46.6417, 0.3735, 0.2980$, and if you desaturate by 10%, it is $68.1166, 0.3350, 0.3154$.

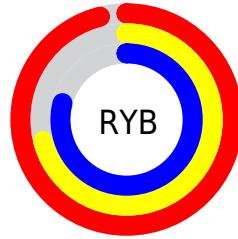
Distribution



Red (96%)

Green (71%)

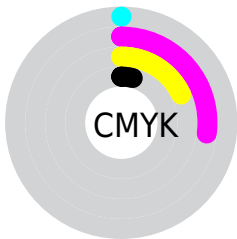
Blue (79%)



Red (96%)

Yellow (71%)

Blue (79%)

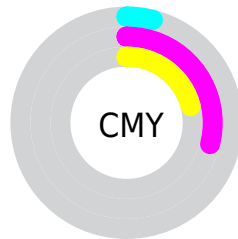


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (4%)



Cyan (4%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4524, 0.3524, 0.3067 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 56.4524, 0.3524, 0.3067 by changing the saturation by 10% instead.


 56.4524, 0.3524,
0.3067

 56.4524, 0.3524,
0.3067


411.3942, 0.3332,
0.3174

 40.5658, 0.3570,
0.3041


 99.6657, 0.3456,
0.3105

 27.9799, 0.3628,
0.3009


127.7612, 0.3430,
0.3120

 18.3105, 0.3703,
0.2967


160.6951, 0.3408,
0.3132

 11.1732, 0.3805,
0.2911

198.8517, 0.3388,
0.3143

 6.1834, 0.3950,
0.2832

242.6156, 0.3372,
0.3152

 2.9569, 0.4173,
0.2710

292.3710, 0.3357,

 1.1093, 0.4557,

0.3161

348.5024, 0.3344,
0.3168

0.2503

0.0000, 0.9096,
0.0000

0.0000, 0.0000,
0.0000

56.4524, 0.3524,
0.3067

56.4524, 0.3524,
0.3067

46.6417, 0.3735,
0.2980

68.1166, 0.3350,
0.3154

38.5809, 0.3989,
0.2898

81.7154, 0.3208,
0.3237

32.1678, 0.4286,
0.2829

97.3345, 0.3093,
0.3314

27.2865, 0.4621,
0.2785

98.3277, 0.3072,
0.3290

■ 23.8060, 0.4979,
0.2777

■ 21.5728, 0.5333,
0.2816

■ 20.3928, 0.5649,
0.2904

■ 20.1425, 0.5740,
0.2936

Harmonies

Analogous

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



56.4524, 0.3175, 0.2843



56.4524, 0.3524, 0.3067



56.4524, 0.3770, 0.3350

Triad

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



56.4524, 0.3524, 0.3067



56.4524, 0.3402, 0.3925



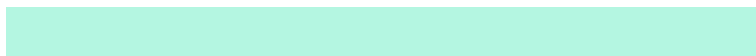
56.4524, 0.2470, 0.2892

Complementary

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



56.4524, 0.3524, 0.3067



81.0342, 0.2844, 0.3526

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.



56.4524, 0.2523, 0.3175



56.4524, 0.3524, 0.3067



56.4524, 0.3050, 0.3804

Square

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



56.4524, 0.3524, 0.3067



56.4524, 0.3691, 0.3851



56.4524, 0.2731, 0.3518



56.4524, 0.2578, 0.2735

Rectangle

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



56.4524, 0.3524, 0.3067



56.4524, 0.3833, 0.3543



56.4524, 0.2731, 0.3518



56.4524, 0.2469, 0.2974

Sweetspot

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



56.4550, 0.3524, 0.3067



86.8045, 0.3224, 0.3227



55.1466, 0.2986, 0.2586



18.0824, 0.3244, 0.3215



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.



56.4550, 0.3524, 0.3067



55.4422, 0.3630, 0.3021



60.1494, 0.3677, 0.3410



16.5695, 0.3243, 0.3215



10.7766, 0.5697, 0.2912



0.9651, 0.5345, 0.2718

Inverse Universe

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



56.4550, 0.3524, 0.3067



55.4422, 0.3630, 0.3021



75.7622, 0.2723, 0.3166



16.5695, 0.3243, 0.3215



10.7766, 0.5697, 0.2912



0.9651, 0.5345, 0.2718

Previews

White Background



This preview shows how the Yxy color 56.4524, 0.3524, 0.3067 looks on a white background.

Color Contrast Check

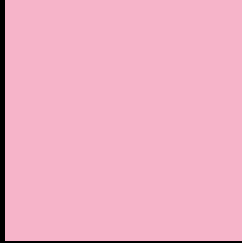
Large Text (above 18pt) WCAG AA × Fail

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 56.4524, 0.3524, 0.3067 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 56.4524, 0.3524, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 56.4524, 0.3524, 0.3067.



This preview shows how white text looks on a background with the Yxy color 56.4524, 0.3524, 0.3067.

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

56.4524, 0.3524, 0.3067

Protanopia

56.6414, 0.3034, 0.3124

Deuteranopia

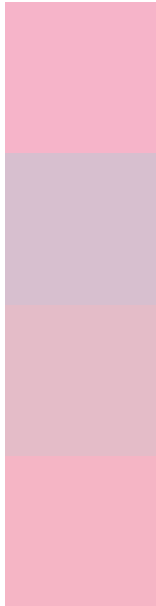
56.5745, 0.3278, 0.3210



Tritanopia

56.4004, 0.3566, 0.3141

Trichromacy



Original Color

56.4524, 0.3524, 0.3067

Protanomaly

56.2137, 0.3201, 0.3106

Deuteranomaly

56.6306, 0.3367, 0.3156

Tritanomaly

56.4914, 0.3548, 0.3120

Monochromacy



Original Color

56.4524, 0.3524, 0.3067

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.7533, 0.3261, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4524, 0.3524, 0.3067 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(246, 180, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 201)  
}
```

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(246, 180, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 201) }
```

Border

The CSS property to change the border of an element to Yxy 56.4524, 0.3524, 0.3067 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(246, 180, 201) }
```

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

```
.border{ border-color:rgb(246, 180, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 180, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 180, 201); box-shadow:4px 4px 4px 4px rgb(246, 180, 201) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4524, 0.3524, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 201) }
```

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

```
.background{ background-color: rgb(246,  
180, 201) }
```

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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