

Converting Colors

$Y_{xy}(56.2220, 0.3568, 0.3120)$

Have a look what the booklet for
Yxy(56.2220, 0.3568, 0.3120)
contains.

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Color

Yxy(56.2209, 0.3568, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	F6B4C4
RGB	246, 180, 196
RGB Percent	96%, 71%, 77%
CMY	0.0352, 0.2941, 0.2314
CMYK	0.00, 0.27, 0.20, 0.04
HSL	345°, 79%, 84%
HSV	345°, 27%, 96%
XYZ	64.2936, 56.2209, 59.6806
YIQ	201.5580, 34.2000, 18.9680

Conversions

Conversions Part 2

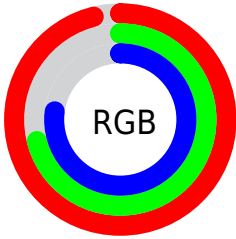
Format	Color
R _Y B	246, 180, 196
Decimal	16168132
CIE Lab	79.74, 26.24, 1.39
CIE LCh	80, 26.282, 3.034
Yxy	56.2209, 0.3568, 0.3120
Android (android.graphics.Color)	4294358212 (0xFFFF6B4C4)
YUV	201.5580, -2.7401, 38.9756
Hunter-Lab	74.9806, 21.8424, 5.2947

Details

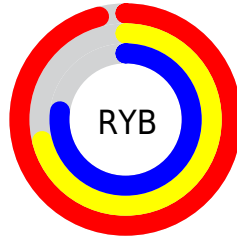
The Yxy color **56.2209, 0.3568, 0.3120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3384, 0.2817, 0.3468**, and the grayscale version is **58.7761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3428, 0.3148, 0.3126**, and **27.9506, 0.3692, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **46.3596, 0.3805, 0.3054**, and if you desaturate by 10%, it is **67.9557, 0.3374, 0.3186**.

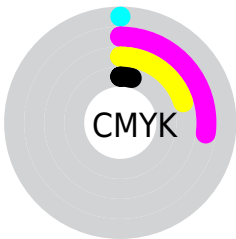
Distribution



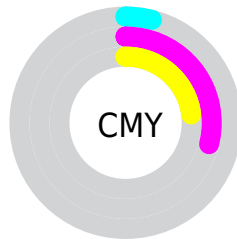
- Red (96%)
- Green (71%)
- Blue (77%)



- Red (96%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2209, 0.3568, 0.3120 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 56.2209, 0.3568, 0.3120 by changing the saturation by 10% instead.


 56.2209, 0.3568,
0.3120

 56.2209, 0.3568,
0.3120


410.5235, 0.3354,
0.3203

 40.3801, 0.3620,
0.3100


 99.3275, 0.3492,
0.3150

 27.8350, 0.3685,
0.3074


127.3620, 0.3463,
0.3161

 18.2013, 0.3769,
0.3040


160.2299, 0.3438,
0.3171

 11.0946, 0.3885,
0.2995

198.3155, 0.3416,
0.3179

 6.1305, 0.4049,
0.2928

242.0033, 0.3398,
0.3186

 2.9246, 0.4304,
0.2824

291.6776, 0.3381,

 1.0925, 0.4746,

0.3193

0.2641

347.7229, 0.3367,
0.3198

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.2209, 0.3568,
0.3120

56.2209, 0.3568,
0.3120

46.3596, 0.3805,
0.3054

67.9557, 0.3374,
0.3186

38.2668, 0.4092,
0.2992

81.6460, 0.3217,
0.3249

31.8394, 0.4428,
0.2942

97.3788, 0.3090,
0.3308

26.9599, 0.4807,
0.2914

98.3354, 0.3072,
0.3290

■ 23.4959, 0.5206,
0.2919

■ 21.2919, 0.5588,
0.2964

■ 20.1519, 0.5908,
0.3048

■ 19.9173, 0.5995,
0.3076

Harmonies

Analogous

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



56.2209, 0.3238, 0.2887



56.2209, 0.3568, 0.3120



56.2209, 0.3779, 0.3401

Triad

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



56.2209, 0.3568, 0.3120



56.2209, 0.3335, 0.3901



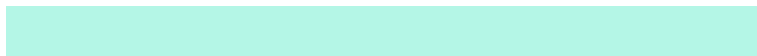
56.2209, 0.2493, 0.2864

Complementary

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



56.2209, 0.3568, 0.3120



81.3384, 0.2817, 0.3468

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.



56.2209, 0.2516, 0.3121



56.2209, 0.3568, 0.3120



56.2209, 0.2990, 0.3749

Square

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



56.2209, 0.3568, 0.3120



56.2209, 0.3635, 0.3863



56.2209, 0.2694, 0.3452



56.2209, 0.2627, 0.2736

Rectangle

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



56.2209, 0.3568, 0.3120



56.2209, 0.3816, 0.3587



56.2209, 0.2694, 0.3452



56.2209, 0.2483, 0.2937

Sweetspot

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



56.2235, 0.3568, 0.3120



86.7119, 0.3234, 0.3242



56.0399, 0.3029, 0.2594



18.0592, 0.3256, 0.3233



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.



56.2235, 0.3568, 0.3120



55.1583, 0.3686, 0.3085



62.5986, 0.3663, 0.3468



16.5483, 0.3255, 0.3233



10.6480, 0.5955, 0.3054



0.9514, 0.5608, 0.2863

Inverse Universe

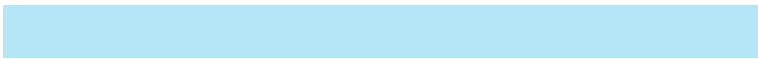
The Inverse Universe completely reimagines the original color for something new.



56.2235, 0.3568, 0.3120



55.1583, 0.3686, 0.3085



72.6801, 0.2717, 0.3104



16.5483, 0.3255, 0.3233



10.6480, 0.5955, 0.3054



0.9514, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 56.2209, 0.3568, 0.3120 looks on a white background.

Color Contrast Check

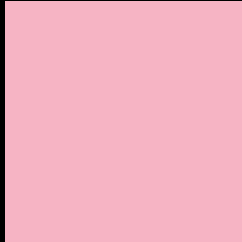
Large Text (above 18pt) WCAG AA × Fail

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 56.2209, 0.3568, 0.3120 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 56.2209, 0.3568, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 56.2209, 0.3568, 0.3120.



This preview shows how white text looks on a background with the Yxy color 56.2209, 0.3568, 0.3120.

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

56.2209, 0.3568, 0.3120

Protanopia

56.5308, 0.3077, 0.3183

Deuteranopia

56.6544, 0.3334, 0.3268



Tritanopia

56.1304, 0.3585, 0.3141

Trichromacy



Original Color

56.2209, 0.3568, 0.3120

Protanomaly

56.1248, 0.3247, 0.3164

Deuteranomaly

56.5646, 0.3416, 0.3212

Tritanomaly

56.1755, 0.3576, 0.3131

Monochromacy



Original Color

56.2209, 0.3568, 0.3120

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.6591, 0.3276, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2209, 0.3568, 0.3120 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 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(246, 180, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 196) }
```

Border

The CSS property to change the border of an element to Yxy 56.2209, 0.3568, 0.3120 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, 196) }
```

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

```
.border{ border-color:rgb(246, 180, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 180, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 180, 196);  
box-shadow:4px 4px 4px 4px rgb(246, 180,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2209, 0.3568, 0.3120 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, 196) }
```

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

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