

Converting Colors

$Y_{xy}(56.6742, 0.3736, 0.3259)$

Have a look what the booklet for
Yxy(56.6742, 0.3736, 0.3259)
contains.

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Color

Yxy(56.7569, 0.3734, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FCB4B7
RGB	252, 180, 183
RGB Percent	99%, 71%, 72%
CMY	0.0118, 0.2941, 0.2823
CMYK	0.00, 0.29, 0.27, 0.01
HSL	358°, 92%, 85%
HSV	358°, 29%, 99%
XYZ	65.0093, 56.7569, 52.3347
YIQ	201.8700, 41.9490, 16.1970

Conversions

Conversions Part 2

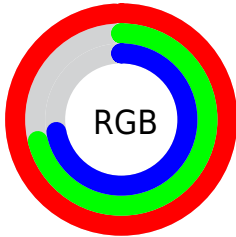
Format	Color
R _Y B	252, 180, 183
Decimal	16561335
CIE Lab	80.04, 26.56, 8.93
CIE LCh	80, 28.019, 18.575
Yxy	56.7569, 0.3734, 0.3260
Android (android.graphics.Color)	4294751415 (0xFFFCB4B7)
YUV	201.8700, -9.3029, 43.9640
Hunter-Lab	75.3372, 22.1896, 11.5488

Details

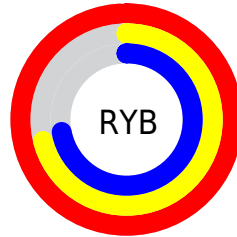
The Yxy color **56.7569, 0.3734, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.1526, 0.2727, 0.3321**, and the grayscale version is **59.0186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4829, 0.3236, 0.3261**, and **28.2598, 0.3897, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **46.5719, 0.4052, 0.3250**, and if you desaturate by 10%, it is **68.9691, 0.3476, 0.3271**.

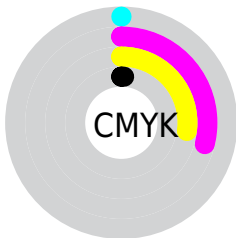
Distribution



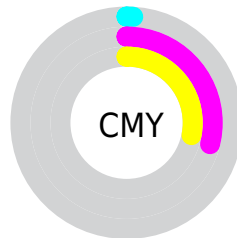
- Red (99%)
- Green (71%)
- Blue (72%)



- Red (99%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (27%)
- Black (1%)




- Cyan (1%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7569, 0.3734, 0.3260 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 56.7569, 0.3734, 0.3260 by changing the saturation by 10% instead.


 56.7569, 0.3734,
0.3260

 56.7569, 0.3734,
0.3260

412.5378, 0.3438,
0.3280

 40.8101, 0.3806,
0.3254

 100.1104, 0.3628,
0.3268

 28.1707, 0.3896,
0.3245


128.2859, 0.3588,
0.3271

 18.4544, 0.4014,
0.3232


161.3063, 0.3554,
0.3274

 11.2767, 0.4174,
0.3211

199.5562, 0.3524,
0.3275

 6.2533, 0.4403,
0.3178

243.4199, 0.3498,
0.3277

 2.9997, 0.4754,
0.3115

293.2818, 0.3476,

 1.1316, 0.5421,

0.3278

0.3016

349.5263, 0.3456,
0.3279

0.0047, 0.9928,
0.0072

0.0000, 0.0000,
0.0000

56.7569, 0.3734,
0.3260

56.7569, 0.3734,
0.3260

46.5719, 0.4052,
0.3250

68.9691, 0.3476,
0.3271

38.2970, 0.4436,
0.3241

83.3012, 0.3270,
0.3281

31.8155, 0.4880,
0.3236

99.4320, 0.3109,
0.3290

26.9946, 0.5354,
0.3237

■ 23.6833, 0.5803,
0.3246

■ 21.7029, 0.6154,
0.3263

■ 20.8024, 0.6353,
0.3283

■ 20.7150, 0.6371,
0.3283

Harmonies

Analogous

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



56.7569, 0.3436, 0.2981



56.7569, 0.3734, 0.3260



56.7569, 0.3859, 0.3560

Triad

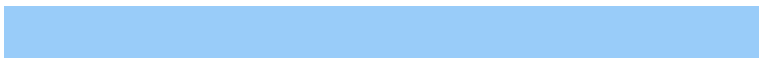
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7569, 0.3734, 0.3260



56.7569, 0.3157, 0.3883



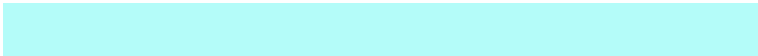
56.7569, 0.2509, 0.2749

Complementary

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



56.7569, 0.3734, 0.3260



86.1526, 0.2727, 0.3321

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.



56.7569, 0.2446, 0.2953



56.7569, 0.3734, 0.3260



56.7569, 0.2806, 0.3628

Square

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



56.7569, 0.3734, 0.3260



56.7569, 0.3512, 0.3945



56.7569, 0.2551, 0.3275



56.7569, 0.2728, 0.2692

Rectangle

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



56.7569, 0.3734, 0.3260



56.7569, 0.3825, 0.3740



56.7569, 0.2551, 0.3275



56.7569, 0.2470, 0.2801

Sweetspot

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



56.7596, 0.3734, 0.3260



84.8849, 0.3279, 0.3281



59.7018, 0.3132, 0.2571



17.6833, 0.3306, 0.3280



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.



56.7596, 0.3734, 0.3260



52.3514, 0.3900, 0.3254



71.2747, 0.3666, 0.3628



17.2369, 0.3288, 0.3281



10.7977, 0.6358, 0.3276



1.0040, 0.6254, 0.3219

Inverse Universe

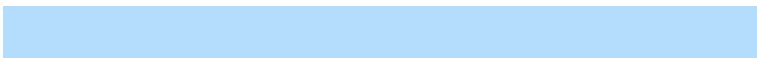
The Inverse Universe completely reimagines the original color for something new.



56.7596, 0.3734, 0.3260



52.3514, 0.3900, 0.3254



67.7067, 0.2673, 0.2925



17.2369, 0.3288, 0.3281



10.7977, 0.6358, 0.3276



1.0040, 0.6254, 0.3219

Previews

White Background



This preview shows how the Yxy color 56.7569, 0.3734, 0.3260 looks on a white background.

Color Contrast Check

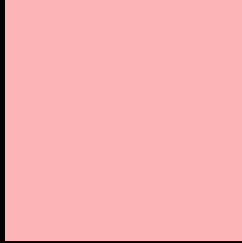
Large Text (above 18pt) WCAG AA × Fail

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 56.7569, 0.3734, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

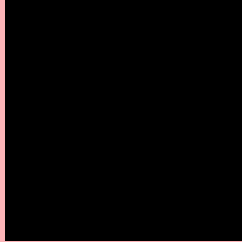
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7569, 0.3734, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 56.7569, 0.3734, 0.3260.



This preview shows how white text looks on a background with the Yxy color 56.7569, 0.3734, 0.3260.

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

56.7569, 0.3734, 0.3260

Protanopia

57.0758, 0.3212, 0.3350

Deuteranopia

57.0430, 0.3489, 0.3417



Tritanopia

56.9286, 0.3666, 0.3155

Trichromacy



Original Color

56.7569, 0.3734, 0.3260



Protanomaly

56.3079, 0.3392, 0.3314



Deuteranomaly

57.0060, 0.3575, 0.3358



Tritanomaly

56.7970, 0.3692, 0.3186

Monochromacy



Original Color

56.7569, 0.3734, 0.3260



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.7393, 0.3331, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7569, 0.3734, 0.3260 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(252, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(252, 180, 183)  
}
```

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(252, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 180, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.7569, 0.3734, 0.3260 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(252, 180, 183) }
```

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

```
.border{ border-color:rgb(252, 180, 183) }
```

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

Here you see how a box with a 4 pixel rgb(252, 180, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(252, 180,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7569, 0.3734, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 180, 183) }
```

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

```
.background{ background-color: rgb(252,  
180, 183) }
```

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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