

Converting Colors

$Y_{xy}(57.0516, 0.3733, 0.3287)$

Have a look what the booklet for
Yxy(57.0516, 0.3733, 0.3287)
contains.

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Color

Yxy(56.9344, 0.3732, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FBB5B6
RGB	251, 181, 182
RGB Percent	98%, 71%, 71%
CMY	0.0155, 0.2902, 0.2863
CMYK	0.00, 0.28, 0.27, 0.02
HSL	359°, 90%, 85%
HSV	359°, 28%, 98%
XYZ	64.7605, 56.9344, 51.8327
YIQ	202.0440, 41.3990, 15.1510

Conversions

Conversions Part 2

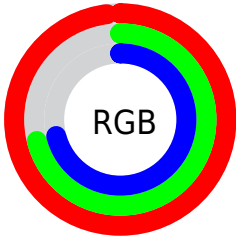
Format	Color
R _Y B	251, 181, 182
Decimal	16496054
CIE Lab	80.14, 25.57, 9.60
CIE LCh	80, 27.309, 20.582
Yxy	56.9344, 0.3732, 0.3281
Android (android.graphics.Color)	4294686134 (0xFFFB5B6)
YUV	202.0440, -9.8817, 42.9344
Hunter-Lab	75.4549, 21.1547, 12.0900

Details

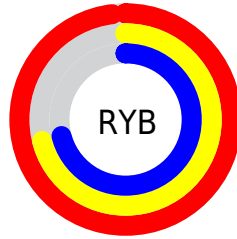
The Yxy color **56.9344, 0.3732, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.7426, 0.2726, 0.3300**, and the grayscale version is **59.1374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0014, 0.3242, 0.3281**, and **28.3608, 0.3893, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **46.6980, 0.4056, 0.3278**, and if you desaturate by 10%, it is **69.1960, 0.3471, 0.3284**.

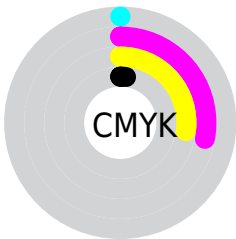
Distribution



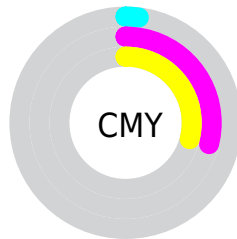
- Red (98%)
- Green (71%)
- Blue (71%)



- Red (98%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (2%)



- Cyan (2%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9344, 0.3732, 0.3281 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 56.9344, 0.3732, 0.3281 by changing the saturation by 10% instead.

 56.9344, 0.3732,
0.3281

 56.9344, 0.3732,
0.3281

413.2035, 0.3437,
0.3291

 40.9526, 0.3803,
0.3277

 100.3695, 0.3627,
0.3286

 28.2820, 0.3893,
0.3271


128.5915, 0.3586,
0.3287

 18.5384, 0.4011,
0.3261


161.6624, 0.3552,
0.3289

 11.3372, 0.4170,
0.3246

199.9665, 0.3523,
0.3289

 6.2941, 0.4398,
0.3219

243.8883, 0.3497,
0.3290

 3.0247, 0.4747,
0.3166

293.8121, 0.3475,

 1.1447, 0.5423,

0.3291

0.3089

350.1224, 0.3455,
0.3291

0.0158, 0.9759,
0.0241

0.0000, 0.0000,
0.0000

56.9344, 0.3732,
0.3281

56.9344, 0.3732,
0.3281

46.6980, 0.4056,
0.3278

69.1960, 0.3471,
0.3284

38.3704, 0.4447,
0.3276

83.5751, 0.3262,
0.3288

31.8360, 0.4898,
0.3275

99.2558, 0.3103,
0.3290

26.9630, 0.5379,
0.3276

■ 23.6018, 0.5832,
0.3281

■ 21.5761, 0.6178,
0.3287

■ 20.6494, 0.6365,
0.3294

■ 20.5237, 0.6390,
0.3294

Harmonies

Analogous

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



56.9344, 0.3451, 0.3005



56.9344, 0.3732, 0.3281



56.9344, 0.3841, 0.3573

Triad

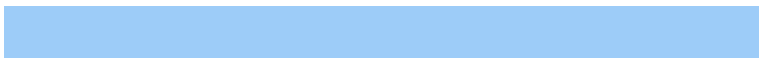
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.9344, 0.3732, 0.3281



56.9344, 0.3132, 0.3855



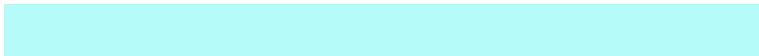
56.9344, 0.2534, 0.2754

Complementary

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



56.9344, 0.3732, 0.3281



85.7426, 0.2726, 0.3300

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.



56.9344, 0.2462, 0.2945



56.9344, 0.3732, 0.3281



56.9344, 0.2795, 0.3597

Square

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



56.9344, 0.3732, 0.3281



56.9344, 0.3482, 0.3930



56.9344, 0.2554, 0.3253



56.9344, 0.2757, 0.2708

Rectangle

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



56.9344, 0.3732, 0.3281



56.9344, 0.3798, 0.3745



56.9344, 0.2554, 0.3253



56.9344, 0.2492, 0.2802

Sweetspot

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



56.9371, 0.3732, 0.3281



86.4399, 0.3264, 0.3288



60.3107, 0.3151, 0.2592



17.9913, 0.3292, 0.3287



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.



56.9371, 0.3732, 0.3281



53.3103, 0.3890, 0.3279



72.3738, 0.3645, 0.3644



17.2293, 0.3292, 0.3287



10.7865, 0.6386, 0.3292



1.0004, 0.6349, 0.3271

Inverse Universe

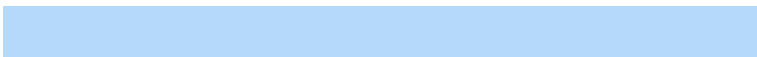
The Inverse Universe completely reimagines the original color for something new.



56.9371, 0.3732, 0.3281



53.3103, 0.3890, 0.3279



66.5085, 0.2681, 0.2908



17.2293, 0.3292, 0.3287



10.7865, 0.6386, 0.3292



1.0004, 0.6349, 0.3271

Previews

White Background



This preview shows how the Yxy color 56.9344, 0.3732, 0.3281 looks on a white background.

Color Contrast Check

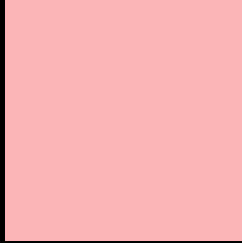
Large Text (above 18pt) WCAG AA × Fail

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 56.9344, 0.3732, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

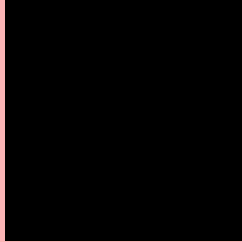
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9344, 0.3732, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 56.9344, 0.3732, 0.3281.

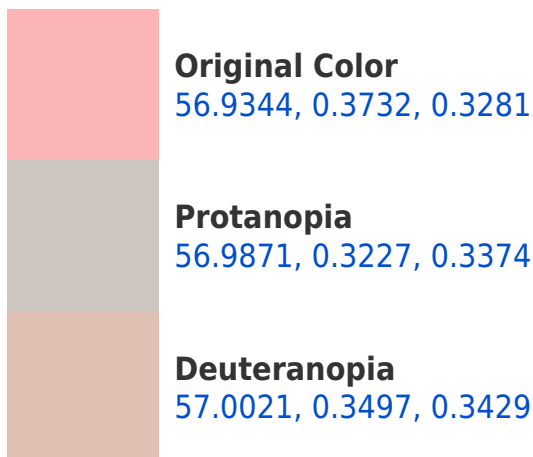


This preview shows how white text looks on a background with the Yxy color 56.9344, 0.3732, 0.3281.

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





Tritanopia

56.7859, 0.3648, 0.3144

Trichromacy



Original Color

56.9344, 0.3732, 0.3281

Protanomaly

56.7023, 0.3398, 0.3337

Deuteranomaly

56.7951, 0.3575, 0.3370

Tritanomaly

57.0121, 0.3681, 0.3197

Monochromacy



Original Color

56.9344, 0.3732, 0.3281

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 56.9344, 0.3732, 0.3281 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(251, 181, 182)` looks like.

```
.text, #text, p{  
    color:rgb(251, 181, 182)  
}
```

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(251, 181, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 181, 182) }
```

Border

The CSS property to change the border of an element to Yxy 56.9344, 0.3732, 0.3281 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(251, 181, 182) }
```

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

```
.border{ border-color:rgb(251, 181, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 181, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 181, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 181, 182);  
box-shadow:4px 4px 4px 4px rgb(251, 181,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9344, 0.3732, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 181, 182) }
```

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

```
.background{ background-color: rgb(251,  
181, 182) }
```

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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