

Converting Colors

$Yxy(56.4779, 0.3655, 0.3233)$

Have a look what the booklet for
Yxy(56.4779, 0.3655, 0.3233)
contains.

Yxy(56.4098, 0.3653, 0.3227)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4098, 0.3653, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	F7B5BB
RGB	247, 181, 187
RGB Percent	97%, 71%, 73%
CMY	0.0313, 0.2902, 0.2666
CMYK	0.00, 0.27, 0.24, 0.03
HSL	355°, 81%, 84%
HSV	355°, 27%, 97%
XYZ	63.8565, 56.4098, 54.5394
YIQ	201.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

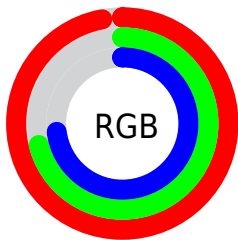
Format	Color
R _Y B	247, 181, 187
Decimal	16233915
CIE Lab	79.85, 24.79, 6.42
CIE LCh	80, 25.603, 14.516
Yxy	56.4098, 0.3653, 0.3227
Android (android.graphics.Color)	4294423995 (0xFFFF7B5BB)
YUV	201.4180, -7.1081, 39.9754
Hunter-Lab	75.1065, 20.3268, 9.5204

Details

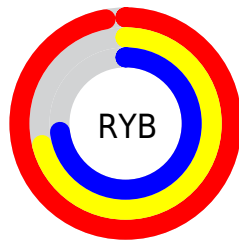
The Yxy color **56.4098, 0.3653, 0.3227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.7078, 0.2767, 0.3355**, and the grayscale version is **58.7114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2994, 0.3210, 0.3232**, and **27.9784, 0.3785, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **46.3542, 0.3942, 0.3203**, and if you desaturate by 10%, it is **68.4018, 0.3419, 0.3252**.

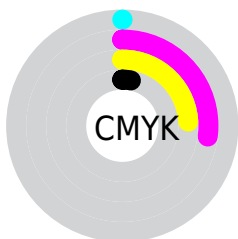
Distribution



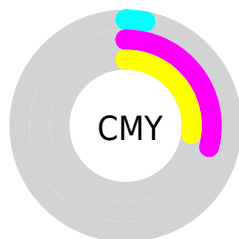
- Red (97%)
- Green (71%)
- Blue (73%)



- Red (97%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4098, 0.3653, 0.3227 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 56.4098, 0.3653, 0.3227 by changing the saturation by 10% instead.


 56.4098, 0.3653,
0.3227

 56.4098, 0.3653,
0.3227

411.2340, 0.3397,
0.3261

 40.5316, 0.3715,
0.3218


 99.6035, 0.3561,
0.3240

 27.9533, 0.3793,
0.3205


127.6878, 0.3526,
0.3245

 18.2904, 0.3896,
0.3188


160.6095, 0.3497,
0.3249

 11.1587, 0.4035,
0.3164

198.7531, 0.3471,
0.3252

 6.1737, 0.4235,
0.3126

242.5030, 0.3449,
0.3255

 2.9510, 0.4543,
0.3059

292.2435, 0.3429,

 1.1062, 0.5101,

0.3257

0.2938

348.3590, 0.3412,
0.3260

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4098, 0.3653,
0.3227

56.4098, 0.3653,
0.3227

46.3542, 0.3942,
0.3203

68.4018, 0.3419,
0.3252

38.1261, 0.4293,
0.3181

82.4161, 0.3232,
0.3275

31.6179, 0.4704,
0.3166

98.4768, 0.3082,
0.3296

26.7075, 0.5156,
0.3161

98.5175, 0.3078,
0.3290

■ 23.2567, 0.5609,
0.3173

■ 21.1039, 0.5998,
0.3202

■ 20.0459, 0.6262,
0.3245

■ 19.8373, 0.6321,
0.3256

Harmonies

Analogous

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



56.4098, 0.3366, 0.2976



56.4098, 0.3653, 0.3227



56.4098, 0.3793, 0.3505

Triad

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



56.4098, 0.3653, 0.3227



56.4098, 0.3202, 0.3849



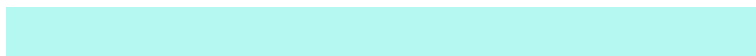
56.4098, 0.2542, 0.2811

Complementary

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



56.4098, 0.3653, 0.3227



82.7078, 0.2767, 0.3355

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.



56.4098, 0.2505, 0.3018



56.4098, 0.3653, 0.3227



56.4098, 0.2874, 0.3637

Square

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



56.4098, 0.3653, 0.3227



56.4098, 0.3521, 0.3883



56.4098, 0.2623, 0.3322



56.4098, 0.2726, 0.2739

Rectangle

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



56.4098, 0.3653, 0.3227



56.4098, 0.3779, 0.3675



56.4098, 0.2623, 0.3322



56.4098, 0.2512, 0.2866

Sweetspot

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



56.4124, 0.3653, 0.3227



86.5306, 0.3254, 0.3272



58.3615, 0.3107, 0.2613



18.0139, 0.3280, 0.3269



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.



56.4124, 0.3653, 0.3227



54.6299, 0.3800, 0.3214



67.9362, 0.3633, 0.3571



16.5070, 0.3279, 0.3269



10.4982, 0.6299, 0.3244



0.9308, 0.6080, 0.3123

Inverse Universe

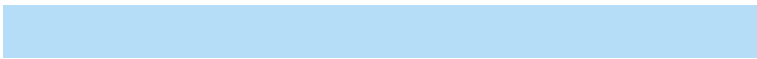
The Inverse Universe completely reimagines the original color for something new.



56.4124, 0.3653, 0.3227



54.6299, 0.3800, 0.3214



68.0473, 0.2707, 0.2990



16.5070, 0.3279, 0.3269



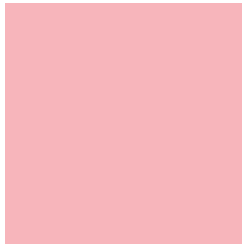
10.4982, 0.6299, 0.3244



0.9308, 0.6080, 0.3123

Previews

White Background



This preview shows how the Yxy color 56.4098, 0.3653, 0.3227 looks on a white background.

Color Contrast Check

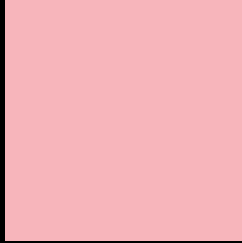
Large Text (above 18pt) WCAG AA × Fail

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 56.4098, 0.3653, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

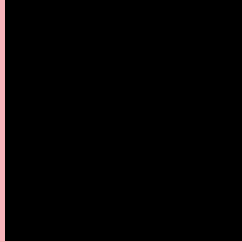
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4098, 0.3653, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 56.4098, 0.3653, 0.3227.



This preview shows how white text looks on a background with the Yxy color 56.4098, 0.3653, 0.3227.

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

56.4098, 0.3653, 0.3227

Protanopia

56.4746, 0.3174, 0.3302

Deuteranopia

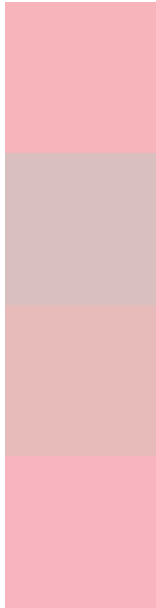
56.2940, 0.3433, 0.3360



Tritanopia

56.4940, 0.3602, 0.3142

Trichromacy



Original Color

56.4098, 0.3653, 0.3227

Protanomaly

56.0173, 0.3335, 0.3267

Deuteranomaly

56.0747, 0.3509, 0.3302

Tritanomaly

56.3606, 0.3629, 0.3174

Monochromacy



Original Color

56.4098, 0.3653, 0.3227

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4745, 0.3307, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4098, 0.3653, 0.3227 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(247, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 187)  
}
```

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(247, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 187) }
```

Border

The CSS property to change the border of an element to Yxy 56.4098, 0.3653, 0.3227 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(247, 181, 187) }
```

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

```
.border{ border-color:rgb(247, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(247, 181,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4098, 0.3653, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 187) }
```

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

```
.background{ background-color: rgb(247,  
181, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor