

Converting Colors

Yxy(56.8973, 0.3566, 0.3248)

Have a look what the booklet for
Yxy(56.8973, 0.3566, 0.3248)
contains.

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Color

Yxy(56.8973, 0.3566, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	F0B9BD
RGB	240, 185, 189
RGB Percent	94%, 73%, 74%
CMY	0.0588, 0.2745, 0.2590
CMYK	0.00, 0.23, 0.21, 0.06
HSL	356°, 65%, 83%
HSV	356°, 23%, 94%
XYZ	62.4679, 56.8973, 55.8112
YIQ	201.9010, 31.4960, 12.9040

Conversions

Conversions Part 2

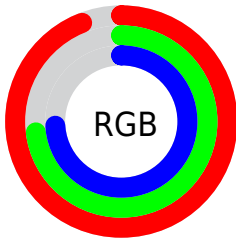
Format	Color
R _Y B	240, 185, 189
Decimal	15776189
CIE Lab	80.12, 20.40, 5.67
CIE LCh	80, 21.174, 15.523
Yxy	56.8973, 0.3566, 0.3248
Android (android.graphics.Color)	4293966269 (0xFFFF0B9BD)
YUV	201.9010, -6.3602, 33.4128
Hunter-Lab	75.4303, 15.8225, 8.9323

Details

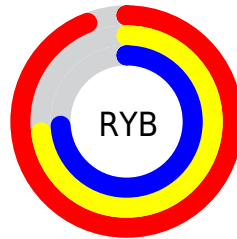
The Yxy color **56.8973, 0.3566, 0.3248** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.6994, 0.2809, 0.3333**, and the grayscale version is **59.0240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7632, 0.3195, 0.3251**, and **28.3474, 0.3677, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **46.7970, 0.3838, 0.3229**, and if you desaturate by 10%, it is **68.8464, 0.3347, 0.3267**.

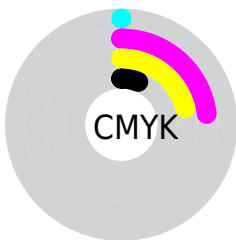
Distribution



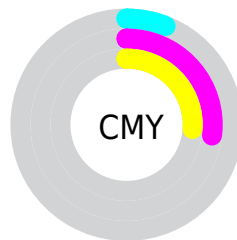
- Red (94%)
- Green (73%)
- Blue (74%)



- Red (94%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8973, 0.3566, 0.3248 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 56.8973, 0.3566, 0.3248 by changing the saturation by 10% instead.


 56.8973, 0.3566,
0.3248

 56.8973, 0.3566,
0.3248

413.0644, 0.3352,
0.3271

 40.9228, 0.3618,
0.3242


 100.3153, 0.3490,
0.3257

 28.2588, 0.3683,
0.3233


128.5276, 0.3461,
0.3260

 18.5208, 0.3768,
0.3222


161.5880, 0.3436,
0.3263

 11.3245, 0.3884,
0.3205

199.8808, 0.3415,
0.3265

 6.2856, 0.4050,
0.3178

243.7904, 0.3396,
0.3267

 3.0195, 0.4307,
0.3132


293.7013, 0.3380,

 1.1419, 0.4764,

0.3268

0.3041


349.9978, 0.3365,
0.3270


 0.0135, 0.9743,
0.0257

 0.0000, 0.0000,
0.0000


 56.8973, 0.3566,
0.3248

 56.8973, 0.3566,
0.3248

 46.7970, 0.3838,
0.3229

 68.8464, 0.3347,
0.3267

 38.4457, 0.4172,
0.3211

 82.7218, 0.3171,
0.3285

 31.7464, 0.4568,
0.3197

 97.2667, 0.3035,
0.3290

 26.5894, 0.5016,
0.3190

■ 22.8517, 0.5480,
0.3195

■ 20.3915, 0.5900,
0.3214

■ 19.0376, 0.6209,
0.3246

■ 18.5680, 0.6341,
0.3267

Harmonies

Analogous

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



56.8973, 0.3334, 0.3035



56.8973, 0.3566, 0.3248



56.8973, 0.3676, 0.3480

Triad

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



56.8973, 0.3566, 0.3248



56.8973, 0.3182, 0.3742



56.8973, 0.2643, 0.2891

Complementary

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



56.8973, 0.3566, 0.3248



78.6994, 0.2809, 0.3333

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.



56.8973, 0.2608, 0.3061



56.8973, 0.3566, 0.3248



56.8973, 0.2911, 0.3566

Square

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



56.8973, 0.3566, 0.3248



56.8973, 0.3446, 0.3779



56.8973, 0.2704, 0.3310



56.8973, 0.2803, 0.2831

Rectangle

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



56.8973, 0.3566, 0.3248



56.8973, 0.3662, 0.3618



56.8973, 0.2704, 0.3310



56.8973, 0.2617, 0.2936

Sweetspot

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



56.8999, 0.3566, 0.3248



88.1138, 0.3239, 0.3278



58.7271, 0.3118, 0.2713



18.6519, 0.3249, 0.3277



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.



56.8999, 0.3566, 0.3248



60.2071, 0.3673, 0.3240



67.1045, 0.3545, 0.3538



15.7773, 0.3282, 0.3273



10.1706, 0.6323, 0.3257



0.8525, 0.6134, 0.3153

Inverse Universe

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



56.8999, 0.3566, 0.3248



60.2071, 0.3673, 0.3240



66.2795, 0.2767, 0.3028



15.7773, 0.3282, 0.3273



10.1706, 0.6323, 0.3257



0.8525, 0.6134, 0.3153

Previews

White Background



This preview shows how the Yxy color 56.8973, 0.3566, 0.3248 looks on a white background.

Color Contrast Check

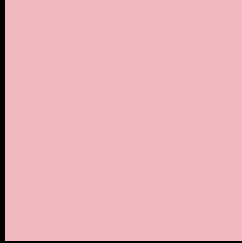
Large Text (above 18pt) WCAG AA × Fail

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 56.8973, 0.3566, 0.3248 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 56.8973, 0.3566, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 56.8973, 0.3566, 0.3248.

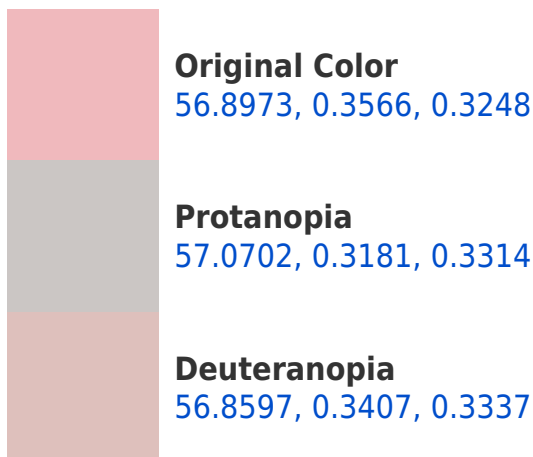


This preview shows how white text looks on a background with the Yxy color 56.8973, 0.3566, 0.3248.

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

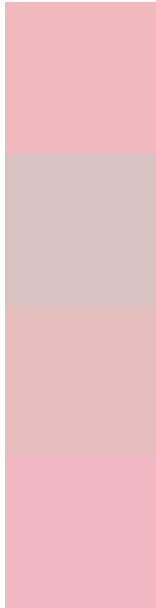




Tritanopia

57.0590, 0.3500, 0.3139

Trichromacy



Original Color

56.8973, 0.3566, 0.3248

Protanomaly

56.5891, 0.3315, 0.3291

Deuteranomaly

56.6840, 0.3471, 0.3302

Tritanomaly

56.9219, 0.3525, 0.3172

Monochromacy



Original Color

56.8973, 0.3566, 0.3248

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.1100, 0.3280, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8973, 0.3566, 0.3248 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(240, 185, 189)` looks like.

```
.text, #text, p{  
    color:rgb(240, 185, 189)  
}
```

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(240, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 185, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.8973, 0.3566, 0.3248 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(240, 185, 189) }
```

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

```
.border{ border-color:rgb(240, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(240, 185,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8973, 0.3566, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 185, 189) }
```

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

```
.background{ background-color: rgb(240,  
185, 189) }
```

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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