

Converting Colors

Yxy(56.9672, 0.3713, 0.3184)

Have a look what the booklet for
Yxy(56.9672, 0.3713, 0.3184)
contains.

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Color

Yxy(56.7749, 0.3712, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2BD
RGB	255, 178, 189
RGB Percent	100%, 70%, 74%
CMY	0.0001, 0.3019, 0.2589
CMYK	0.00, 0.30, 0.26, 0.00
HSL	351°, 100%, 85%
HSV	351°, 30%, 100%
XYZ	66.3357, 56.7749, 55.5954
YIQ	202.2770, 42.3610, 19.7450

Conversions

Conversions Part 2

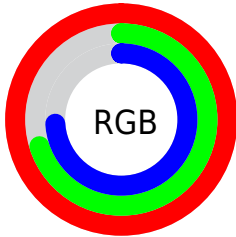
Format	Color
R _Y B	255, 178, 189
Decimal	16757437
CIE Lab	80.05, 29.49, 5.75
CIE LCh	80, 30.048, 11.041
Yxy	56.7749, 0.3712, 0.3177
Android (android.graphics.Color)	4294947517 (0xFFFFB2BD)
YUV	202.2770, -6.5456, 46.2381
Hunter-Lab	75.3491, 25.2864, 8.9980

Details

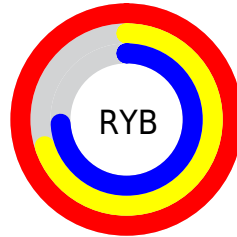
The Yxy color **56.7749, 0.3712, 0.3177** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5008, 0.2744, 0.3408**, and the grayscale version is **59.2672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6982, 0.3199, 0.3183**, and **28.3151, 0.3865, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **46.6762, 0.4003, 0.3139**, and if you desaturate by 10%, it is **68.9077, 0.3475, 0.3216**.

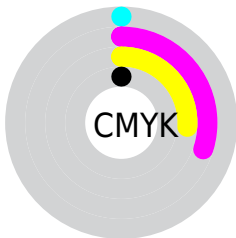
Distribution



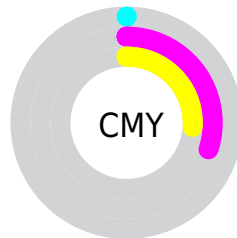
- Red (100%)
- Green (70%)
- Blue (74%)



- Red (100%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (30%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7749, 0.3712, 0.3177 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 56.7749, 0.3712, 0.3177 by changing the saturation by 10% instead.


 56.7749, 0.3712,
0.3177

 56.7749, 0.3712,
0.3177


412.6053, 0.3427,
0.3236

 40.8245, 0.3781,
0.3162


 100.1367, 0.3610,
0.3199

 28.1820, 0.3867,
0.3142


128.3169, 0.3572,
0.3207

 18.4629, 0.3980,
0.3116


161.3425, 0.3539,
0.3214

 11.2828, 0.4134,
0.3078

199.5979, 0.3510,
0.3219

 6.2574, 0.4352,
0.3022

243.4674, 0.3486,
0.3224

 3.0022, 0.4688,
0.2929


293.3356, 0.3464,

 1.1329, 0.5274,

0.3229

0.2757


349.5868, 0.3445,
0.3232


 0.0058, 0.9920,
0.0080


 0.0000, 0.0000,
0.0000


 56.7749, 0.3712,
0.3177


 56.7749, 0.3712,
0.3177

 46.6762, 0.4003,
0.3139

 68.9077, 0.3475,
0.3216

 38.4926, 0.4354,
0.3106

 83.1691, 0.3283,
0.3254

 32.1050, 0.4759,
0.3084

99.6575, 0.3130,
0.3289

 27.3778, 0.5198,
0.3081

99.9943, 0.3127,
0.3290

■ 24.1558, 0.5629,
0.3103

■ 22.2546, 0.5994,
0.3151

■ 21.3836, 0.6242,
0.3212

Harmonies

Analogous

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



56.7749, 0.3359, 0.2896



56.7749, 0.3712, 0.3177



56.7749, 0.3900, 0.3497

Triad

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



56.7749, 0.3712, 0.3177



56.7749, 0.3256, 0.3966



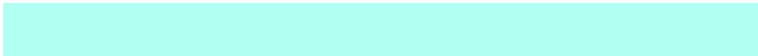
56.7749, 0.2434, 0.2750

Complementary

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



56.7749, 0.3712, 0.3177



87.5008, 0.2744, 0.3408

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.



56.7749, 0.2411, 0.3004



56.7749, 0.3712, 0.3177



56.7749, 0.2870, 0.3738

Square

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



56.7749, 0.3712, 0.3177



56.7749, 0.3622, 0.3975



56.7749, 0.2566, 0.3369



56.7749, 0.2627, 0.2652

Rectangle

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



56.7749, 0.3712, 0.3177



56.7749, 0.3901, 0.3700



56.7749, 0.2566, 0.3369



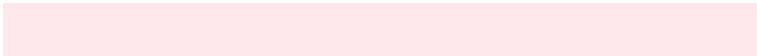
56.7749, 0.2406, 0.2819

Sweetspot

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



56.7776, 0.3712, 0.3177



85.0180, 0.3263, 0.3258



58.1989, 0.3072, 0.2516



17.7157, 0.3288, 0.3253



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.



56.7776, 0.3712, 0.3177



50.6709, 0.3875, 0.3155



68.1104, 0.3727, 0.3571



18.0292, 0.3272, 0.3256



11.1890, 0.6214, 0.3197



1.1015, 0.5951, 0.3052

Inverse Universe

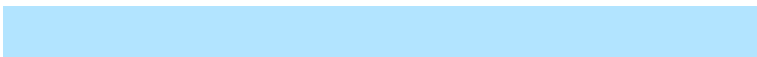
The Inverse Universe completely reimagines the original color for something new.



56.7776, 0.3712, 0.3177



50.6709, 0.3875, 0.3155



72.1937, 0.2657, 0.2989



18.0292, 0.3272, 0.3256



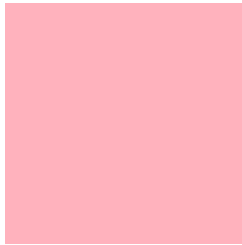
11.1890, 0.6214, 0.3197



1.1015, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 56.7749, 0.3712, 0.3177 looks on a white background.

Color Contrast Check

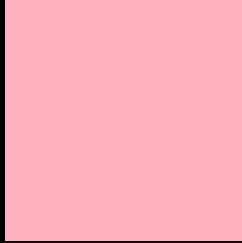
Large Text (above 18pt) WCAG AA × Fail

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 56.7749, 0.3712, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

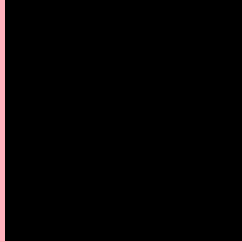
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7749, 0.3712, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 56.7749, 0.3712, 0.3177.



This preview shows how white text looks on a background with the Yxy color 56.7749, 0.3712, 0.3177.

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

56.7749, 0.3712, 0.3177

Protanopia

57.1149, 0.3144, 0.3266

Deuteranopia

56.9324, 0.3431, 0.3360



Tritanopia

56.8624, 0.3694, 0.3156

Trichromacy



Original Color

56.7749, 0.3712, 0.3177



Protanomaly

56.6193, 0.3336, 0.3233



Deuteranomaly

56.7907, 0.3535, 0.3291



Tritanomaly

56.8185, 0.3703, 0.3166

Monochromacy



Original Color

56.7749, 0.3712, 0.3177



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.5433, 0.3325, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7749, 0.3712, 0.3177 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(255, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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(255, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.7749, 0.3712, 0.3177 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(255, 178, 189) }
```

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

```
.border{ border-color:rgb(255, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7749, 0.3712, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 189) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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