

Converting Colors

Yxy(57.4686, 0.3614, 0.3068)

Have a look what the booklet for
Yxy(57.4686, 0.3614, 0.3068)
contains.

Yxy(57.2709, 0.3614, 0.3063)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.2709, 0.3614, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2C8
RGB	255, 178, 200
RGB Percent	100%, 70%, 78%
CMY	0.0002, 0.3019, 0.2157
CMYK	0.00, 0.30, 0.22, 0.00
HSL	343°, 100%, 85%
HSV	343°, 30%, 100%
XYZ	67.5733, 57.2709, 62.1323
YIQ	203.5310, 38.8300, 23.1660

Conversions

Conversions Part 2

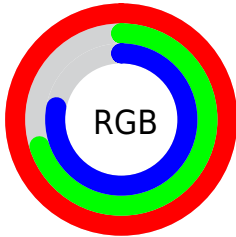
Format	Color
R _Y B	255, 178, 200
Decimal	16757448
CIE Lab	80.33, 31.03, 0.20
CIE LCh	80, 31.032, 0.371
Yxy	57.2709, 0.3614, 0.3063
Android (android.graphics.Color)	4294947528 (0xFFFFB2C8)
YUV	203.5310, -1.7408, 45.1383
Hunter-Lab	75.6775, 26.9489, 4.2964

Details

The Yxy color **57.2709, 0.3614, 0.3063** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.8438, 0.2799, 0.3532**, and the grayscale version is **60.0661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.6129, 0.3742, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **47.2497, 0.3852, 0.2986**, and if you desaturate by 10%, it is **69.2844, 0.3418, 0.3142**.

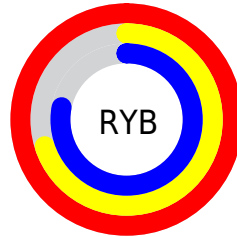
Distribution



Red (100%)

Green (70%)

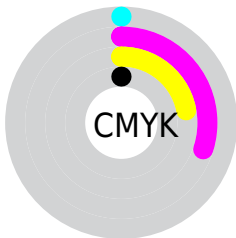
Blue (78%)



Red (100%)

Yellow (70%)

Blue (78%)

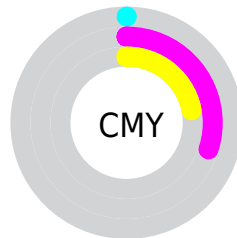


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2709, 0.3614, 0.3063 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 57.2709, 0.3614, 0.3063 by changing the saturation by 10% instead.

 57.2709, 0.3614,
0.3063

 57.2709, 0.3614,
0.3063

414.4636, 0.3379,
0.3173

 41.2228, 0.3670,
0.3037


 100.8604, 0.3530,
0.3102

 28.4932, 0.3741,
0.3004


129.1705, 0.3499,
0.3117

 18.6978, 0.3833,
0.2960


162.3367, 0.3471,
0.3130

 11.4521, 0.3957,
0.2902

200.7435, 0.3448,
0.3141

 6.3718, 0.4133,
0.2820

244.7752, 0.3427,
0.3150

 3.0724, 0.4403,
0.2693


294.8162, 0.3409,


 1.1697, 0.4862,


0.3159


0.2477

351.2508, 0.3393,
0.3166


 0.0367, 0.9267,
0.0429


 0.0000, 0.0000,
0.0000


 57.2709, 0.3614,
0.3063


 57.2709, 0.3614,
0.3063

 47.2497, 0.3852,
0.2986

 69.2844, 0.3418,
0.3142

 39.1046, 0.4136,
0.2916

 83.3820, 0.3259,
0.3217

 32.7196, 0.4466,
0.2862

99.6597, 0.3129,
0.3289

 27.9627, 0.4832,
0.2835

99.9919, 0.3127,
0.3290

■ 24.6827, 0.5210,
0.2848

■ 22.6996, 0.5565,
0.2908

■ 21.7303, 0.5861,
0.3002

Harmonies

Analogous

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



57.2709, 0.3218, 0.2803



57.2709, 0.3614, 0.3063



57.2709, 0.3880, 0.3384

Triad

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



57.2709, 0.3614, 0.3063



57.2709, 0.3401, 0.4017



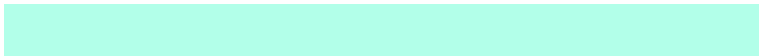
57.2709, 0.2385, 0.2810

Complementary

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



57.2709, 0.3614, 0.3063



86.8438, 0.2799, 0.3532

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.



57.2709, 0.2428, 0.3119



57.2709, 0.3614, 0.3063



57.2709, 0.2999, 0.3859

Square

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



57.2709, 0.3614, 0.3063



57.2709, 0.3745, 0.3945



57.2709, 0.2646, 0.3514



57.2709, 0.2523, 0.2651

Rectangle

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



57.2709, 0.3614, 0.3063



57.2709, 0.3937, 0.3602



57.2709, 0.2646, 0.3514



57.2709, 0.2379, 0.2898

Sweetspot

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



57.2736, 0.3614, 0.3063



85.2099, 0.3242, 0.3226



56.2045, 0.2983, 0.2495



17.7627, 0.3263, 0.3215



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.



57.2736, 0.3614, 0.3063



51.2175, 0.3747, 0.3018



62.7904, 0.3762, 0.3453



18.0724, 0.3249, 0.3222



11.3809, 0.5819, 0.2979



1.1260, 0.5499, 0.2803

Inverse Universe

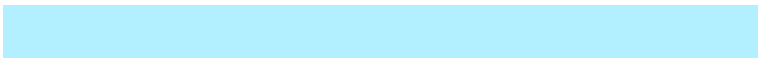
The Inverse Universe completely reimagines the original color for something new.



57.2736, 0.3614, 0.3063



51.2175, 0.3747, 0.3018



78.7537, 0.2672, 0.3120



18.0724, 0.3249, 0.3222



11.3809, 0.5819, 0.2979



1.1260, 0.5499, 0.2803

Previews

White Background



This preview shows how the Yxy color 57.2709, 0.3614, 0.3063 looks on a white background.

Color Contrast Check

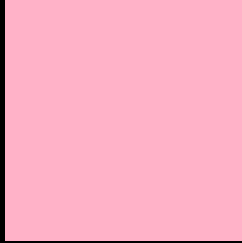
Large Text (above 18pt) WCAG AA × Fail

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 57.2709, 0.3614, 0.3063 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 57.2709, 0.3614, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 57.2709, 0.3614, 0.3063.



This preview shows how white text looks on a background with the Yxy color 57.2709, 0.3614, 0.3063.

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

57.2709, 0.3614, 0.3063

Protanopia

57.4210, 0.3042, 0.3125

Deuteranopia

57.3868, 0.3317, 0.3245



Tritanopia

57.1613, 0.3665, 0.3145

Trichromacy



Original Color

57.2709, 0.3614, 0.3063



Protanomaly

57.0313, 0.3234, 0.3098



Deuteranomaly

57.3673, 0.3425, 0.3180



Tritanomaly

57.2966, 0.3639, 0.3114

Monochromacy



Original Color

57.2709, 0.3614, 0.3063



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

59.0300, 0.3292, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2709, 0.3614, 0.3063 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 200) }
```

Border

The CSS property to change the border of an element to Yxy 57.2709, 0.3614, 0.3063 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, 200) }
```

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

```
.border{ border-color:rgb(255, 178, 200) }
```

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, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2709, 0.3614, 0.3063 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
178, 200) }
```

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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