

Converting Colors

$Y_{xy}(57.4516, 0.3590, 0.2927)$

Have a look what the booklet for
Yxy(57.4516, 0.3590, 0.2927)
contains.

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Color

Yxy(56.1852, 0.3534, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	FFAED2
RGB	255, 174, 210
RGB Percent	100%, 68%, 82%
CMY	0.0001, 0.3176, 0.1765
CMYK	0.00, 0.32, 0.18, 0.00
HSL	333°, 100%, 84%
HSV	333°, 32%, 100%
XYZ	67.9995, 56.1852, 68.2304
YIQ	202.3230, 36.7200, 28.3680

Conversions

Conversions Part 2

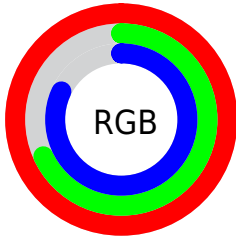
Format	Color
R _Y B	255, 174, 210
Decimal	16756434
CIE Lab	79.72, 34.61, -6.11
CIE LCh	80, 35.144, 349.981
Yxy	56.1852, 0.3534, 0.2920
Android (android.graphics.Color)	4294946514 (0xFFFFAED2)
YUV	202.3230, 3.7848, 46.1977
Hunter-Lab	74.9568, 30.7577, -1.4997

Details

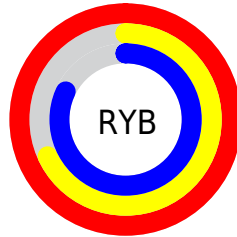
The Yxy color **56.1852, 0.3534, 0.2920** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.6151, 0.2849, 0.3696**, and the grayscale version is **59.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **27.9454, 0.3631, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **46.5769, 0.3719, 0.2801**, and if you desaturate by 10%, it is **67.7309, 0.3379, 0.3041**.

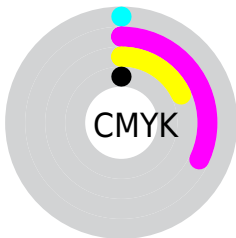
Distribution



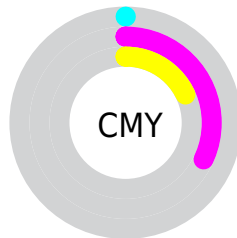
- Red (100%)
- Green (68%)
- Blue (82%)



- Red (100%)
- Yellow (68%)
- Blue (82%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1852, 0.3534, 0.2920 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 56.1852, 0.3534, 0.2920 by changing the saturation by 10% instead.


 56.1852, 0.3534,
0.2920

 56.1852, 0.3534,
0.2920


410.3891, 0.3339,
0.3094

 40.3514, 0.3580,
0.2879


 99.2753, 0.3465,
0.2981

 27.8127, 0.3638,
0.2829


127.3004, 0.3439,
0.3005

 18.1845, 0.3712,
0.2764


160.1581, 0.3416,
0.3025

 11.0825, 0.3812,
0.2678

198.2328, 0.3397,
0.3043

 6.1224, 0.3953,
0.2560

241.9088, 0.3380,
0.3058

 2.9196, 0.4165,
0.2385

291.5706, 0.3365,

 1.0899, 0.4519,

0.3072

0.2105

347.6026, 0.3351,
0.3084

0.0000, 0.6744,
0.0000

0.0000, 0.0000,
0.0000

56.1852, 0.3534,
0.2920

56.1852, 0.3534,
0.2920

46.5769, 0.3719,
0.2801

67.7309, 0.3379,
0.3041

38.7907, 0.3937,
0.2692

81.3055, 0.3250,
0.3159

32.7106, 0.4185,
0.2604

97.0041, 0.3144,
0.3271

28.2042, 0.4458,
0.2549

99.9940, 0.3127,
0.3290

■ 25.1193, 0.4743,
0.2540

■ 23.2726, 0.5023,
0.2586

■ 22.4532, 0.5240,
0.2660

Harmonies

Analogous

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



56.1852, 0.3064, 0.2667



56.1852, 0.3534, 0.2920



56.1852, 0.3906, 0.3262

Triad

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



56.1852, 0.3534, 0.2920



56.1852, 0.3584, 0.4120



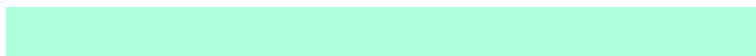
56.1852, 0.2283, 0.2844

Complementary

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



56.1852, 0.3534, 0.2920



85.6151, 0.2849, 0.3696

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.



56.1852, 0.2399, 0.3242



56.1852, 0.3534, 0.2920



56.1852, 0.3135, 0.4038

Square

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



56.1852, 0.3534, 0.2920



56.1852, 0.3925, 0.3951



56.1852, 0.2704, 0.3700



56.1852, 0.2369, 0.2607

Rectangle

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



56.1852, 0.3534, 0.2920



56.1852, 0.4033, 0.3510



56.1852, 0.2704, 0.3700



56.1852, 0.2299, 0.2962

Sweetspot

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



56.1878, 0.3534, 0.2920



83.9166, 0.3230, 0.3179



52.4881, 0.2880, 0.2428



17.5149, 0.3246, 0.3163



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.



56.1878, 0.3534, 0.2920



49.9726, 0.3646, 0.2845



56.1795, 0.3847, 0.3335



18.1212, 0.3224, 0.3185



11.7646, 0.5200, 0.2638



1.1671, 0.4917, 0.2482

Inverse Universe

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



56.1878, 0.3534, 0.2920



49.9726, 0.3646, 0.2845



85.1642, 0.2666, 0.3245



18.1212, 0.3224, 0.3185



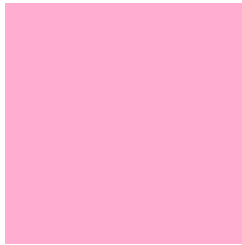
11.7646, 0.5200, 0.2638



1.1671, 0.4917, 0.2482

Previews

White Background



This preview shows how the Yxy color 56.1852, 0.3534, 0.2920 looks on a white background.

Color Contrast Check

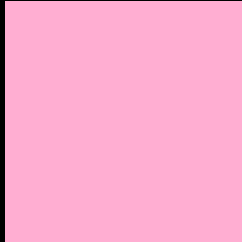
Large Text (above 18pt) WCAG AA × Fail

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 56.1852, 0.3534, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

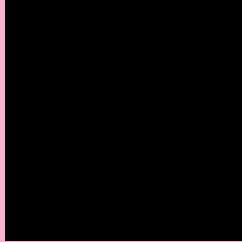
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1852, 0.3534, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 56.1852, 0.3534, 0.2920.



This preview shows how white text looks on a background with the Yxy color 56.1852, 0.3534, 0.2920.

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

56.1852, 0.3534, 0.2920

Protanopia

56.7837, 0.2915, 0.2973

Deuteranopia

56.3504, 0.3184, 0.3117



Tritanopia

56.0885, 0.3679, 0.3144

Trichromacy



Original Color

56.1852, 0.3534, 0.2920



Protanomaly

56.1086, 0.3119, 0.2951



Deuteranomaly

55.7460, 0.3306, 0.3034



Tritanomaly

56.1987, 0.3628, 0.3062

Monochromacy



Original Color

56.1852, 0.3534, 0.2920



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.4792, 0.3264, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1852, 0.3534, 0.2920 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, 174, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 210)  
}
```

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, 174, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 210) }
```

Border

The CSS property to change the border of an element to Yxy 56.1852, 0.3534, 0.2920 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, 174, 210) }
```

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

```
.border{ border-color:rgb(255, 174, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1852, 0.3534, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 210) }
```

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

```
.background{ background-color: rgb(255,  
174, 210) }
```

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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