

Converting Colors

Yxy(56.1034, 0.3601, 0.3040)

Have a look what the booklet for
Yxy(56.1034, 0.3601, 0.3040)
contains.

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Color

Yxy(56.1034, 0.3601, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	FDB0C8
RGB	253, 176, 200
RGB Percent	99%, 69%, 78%
CMY	0.0079, 0.3098, 0.2155
CMYK	0.00, 0.30, 0.21, 0.01
HSL	341°, 95%, 84%
HSV	341°, 30%, 99%
XYZ	66.4567, 56.1034, 61.9906
YIQ	201.7590, 38.1880, 23.7880

Conversions

Conversions Part 2

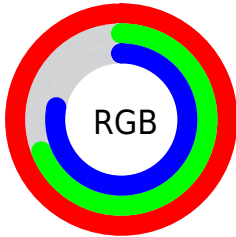
Format	Color
R_{YB}	253, 176, 200
Decimal	16625864
CIE _{Lab}	79.67, 31.40, -0.81
CIE _{LCh}	80, 31.411, 358.524
Yxy	56.1034, 0.3601, 0.3040
Android (android.graphics.Color)	4294815944 (0xFFFD _{B0C8})
YUV	201.7590, -0.8672, 44.9384
Hunter-Lab	74.9022, 27.2946, 3.3619

Details

The Yxy color **56.1034, 0.3601, 0.3040** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.1252, 0.2807, 0.3558**, and the grayscale version is **58.8946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **27.8433, 0.3725, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **46.3238, 0.3830, 0.2956**, and if you desaturate by 10%, it is **67.8294, 0.3412, 0.3126**.

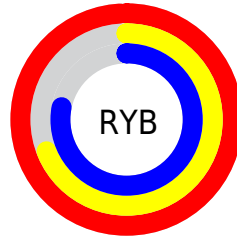
Distribution



Red (99%)

Green (69%)

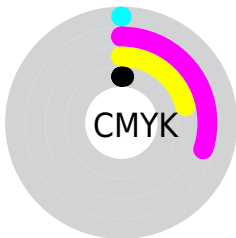
Blue (78%)



Red (99%)

Yellow (69%)

Blue (78%)

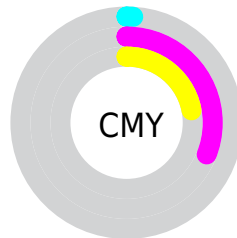


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1034, 0.3601, 0.3040 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 56.1034, 0.3601, 0.3040 by changing the saturation by 10% instead.


 56.1034, 0.3601,
0.3040

 56.1034, 0.3601,
0.3040


410.0811, 0.3372,
0.3161

 40.2858, 0.3656,
0.3011


 99.1557, 0.3519,
0.3083

 27.7615, 0.3725,
0.2975


127.1593, 0.3488,
0.3099

 18.1459, 0.3815,
0.2928


159.9937, 0.3462,
0.3113

 11.0548, 0.3937,
0.2864

198.0432, 0.3439,
0.3125

 6.1037, 0.4111,
0.2774

241.6923, 0.3419,
0.3136

 2.9082, 0.4377,
0.2637

291.3254, 0.3401,

 1.0840, 0.4833,

0.3145

0.2404

347.3268, 0.3386,
0.3153

0.0000, 0.9772,
0.0000

0.0000, 0.0000,
0.0000

56.1034, 0.3601,
0.3040

56.1034, 0.3601,
0.3040

46.3238, 0.3830,
0.2956

67.8294, 0.3412,
0.3126

38.3767, 0.4103,
0.2879

81.5918, 0.3258,
0.3209

32.1486, 0.4419,
0.2819

97.4844, 0.3132,
0.3287

27.5099, 0.4770,
0.2788

99.6192, 0.3115,
0.3290

■ 24.3124, 0.5133,
0.2798

■ 22.3792, 0.5480,
0.2857

■ 21.4431, 0.5767,
0.2951

Harmonies

Analogous

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



56.1034, 0.3193, 0.2782



56.1034, 0.3601, 0.3040



56.1034, 0.3884, 0.3364

Triad

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



56.1034, 0.3601, 0.3040



56.1034, 0.3431, 0.4034



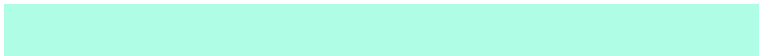
56.1034, 0.2369, 0.2816

Complementary

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



56.1034, 0.3601, 0.3040



85.1252, 0.2807, 0.3558

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.



56.1034, 0.2424, 0.3139



56.1034, 0.3601, 0.3040



56.1034, 0.3021, 0.3888

Square

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



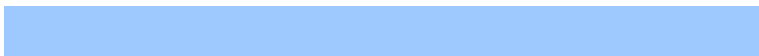
56.1034, 0.3601, 0.3040



56.1034, 0.3773, 0.3946



56.1034, 0.2655, 0.3543



56.1034, 0.2499, 0.2645

Rectangle

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



56.1034, 0.3601, 0.3040



56.1034, 0.3952, 0.3587



56.1034, 0.2655, 0.3543



56.1034, 0.2367, 0.2908

Sweetspot

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



56.1060, 0.3601, 0.3040



85.2460, 0.3238, 0.3220



54.7393, 0.2972, 0.2486



17.7715, 0.3258, 0.3208



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.



56.1060, 0.3601, 0.3040



50.3496, 0.3747, 0.2984



60.8942, 0.3773, 0.3441



18.0805, 0.3245, 0.3216



11.4318, 0.5725, 0.2928



1.1318, 0.5405, 0.2751

Inverse Universe

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



56.1060, 0.3601, 0.3040



50.3496, 0.3747, 0.2984



77.9793, 0.2670, 0.3133



18.0805, 0.3245, 0.3216



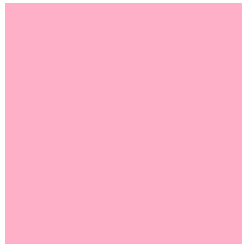
11.4318, 0.5725, 0.2928



1.1318, 0.5405, 0.2751

Previews

White Background



This preview shows how the Yxy color 56.1034, 0.3601, 0.3040 looks on a white background.

Color Contrast Check

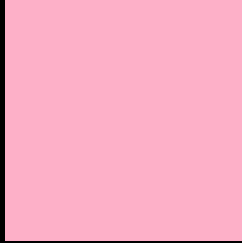
Large Text (above 18pt) WCAG AA × Fail

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 56.1034, 0.3601, 0.3040 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 56.1034, 0.3601, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 56.1034, 0.3601, 0.3040.

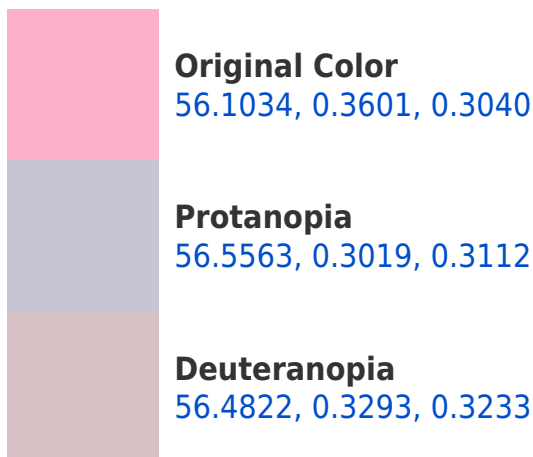


This preview shows how white text looks on a background with the Yxy color 56.1034, 0.3601, 0.3040.

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

56.2978, 0.3668, 0.3154

Trichromacy



Original Color

56.1034, 0.3601, 0.3040



Protanomaly

55.7010, 0.3211, 0.3073



Deuteranomaly

56.0180, 0.3403, 0.3157



Tritanomaly

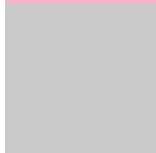
56.0348, 0.3644, 0.3112

Monochromacy



Original Color

56.1034, 0.3601, 0.3040



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.7291, 0.3294, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1034, 0.3601, 0.3040 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(253, 176, 200)` looks like.

```
.text, #text, p{  
    color:rgb(253, 176, 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(253, 176, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 176, 200) }
```

Border

The CSS property to change the border of an element to Yxy 56.1034, 0.3601, 0.3040 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(253, 176, 200) }
```

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

```
.border{ border-color:rgb(253, 176, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 176, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 176, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 176, 200); box-shadow:4px 4px 4px 4px rgb(253, 176, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1034, 0.3601, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 176, 200) }
```

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

```
.background{ background-color: rgb(253,  
176, 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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