

Converting Colors

$Yxy(58.0032, 0.3258, 0.2604)$

Have a look what the booklet for
Yxy(58.0032, 0.3258, 0.2604)
contains.

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Color

Yxy(58.0032, 0.3258, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEF3
RGB	255, 174, 243
RGB Percent	100%, 68%, 95%
CMY	0.0000, 0.3177, 0.0470
CMYK	0.00, 0.32, 0.05, 0.00
HSL	309°, 100%, 84%
HSV	309°, 32%, 100%
XYZ	72.5708, 58.0032, 92.1725
YIQ	206.0850, 26.1270, 38.6310

Conversions

Conversions Part 2

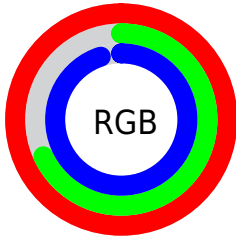
Format	Color
R _Y B	255, 174, 243
Decimal	16756467
CIE Lab	80.74, 40.01, -22.40
CIE LCh	81, 45.854, 330.756
Yxy	58.0032, 0.3258, 0.2604
Android (android.graphics.Color)	4294946547 (0xFFFFAEF3)
YUV	206.0850, 18.1991, 42.8985
Hunter-Lab	76.1598, 36.8085, -18.4439

Details

The Yxy color **58.0032, 0.3258, 0.2604** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.0596, 0.3020, 0.4090**, and the grayscale version is **61.6378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **28.8911, 0.3276, 0.2445** is the 20% darker color. If you saturate the color by 10%, you get **48.8354, 0.3309, 0.2393**, and if you desaturate by 10%, it is **69.0282, 0.3211, 0.2823**.

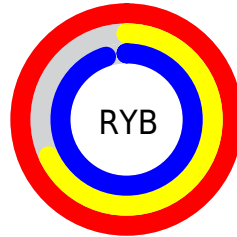
Distribution



Red (100%)

Green (68%)

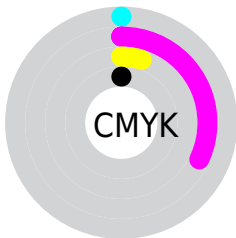
Blue (95%)



Red (100%)

Yellow (68%)

Blue (95%)

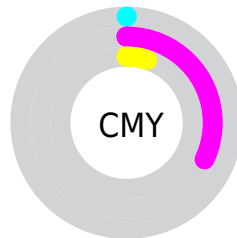


Cyan (0%)

Magenta (32%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0032, 0.3258, 0.2604 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 58.0032, 0.3258, 0.2604 by changing the saturation by 10% instead.


 58.0032, 0.3258,
0.2604

 58.0032, 0.3258,
0.2604


417.1979, 0.3204,
0.2914

 41.8112, 0.3269,
0.2535


 101.9275, 0.3240,
0.2710

 28.9535, 0.3282,
0.2451


130.4286, 0.3233,
0.2752

 19.0456, 0.3297,
0.2347


163.8016, 0.3227,
0.2788

 11.7033, 0.3314,
0.2213

202.4308, 0.3221,
0.2819

 6.5420, 0.3334,
0.2037

246.7007, 0.3216,
0.2847

 3.1773, 0.3355,
0.1796


296.9955, 0.3211,


 1.2250, 0.3370,


0.2872


0.1450


353.6998, 0.3207,
0.2894

 0.0820, 0.3590,
0.0274


 0.0000, 0.0053,
0.0000


 58.0032, 0.3258,
0.2604


 58.0032, 0.3258,
0.2604


 48.8354, 0.3309,
0.2393


 69.0282, 0.3211,
0.2823

 41.4449, 0.3364,
0.2199

 82.0345, 0.3169,
0.3041

 35.7062, 0.3421,
0.2033

 97.1042, 0.3133,
0.3253

 31.4885, 0.3479,
0.1904

100.0000, 0.3127,
0.3290

■ 28.6410, 0.3536,
0.1818

■ 26.9824, 0.3589,
0.1778

■ 26.2837, 0.3631,
0.1774

Harmonies

Analogous

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



58.0032, 0.2681, 0.2394



58.0032, 0.3258, 0.2604



58.0032, 0.3849, 0.2961

Triad

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



58.0032, 0.3258, 0.2604



58.0032, 0.4007, 0.4235



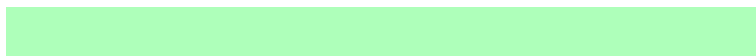
58.0032, 0.2125, 0.3011

Complementary

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



58.0032, 0.3258, 0.2604



84.0596, 0.3020, 0.4090

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.



58.0032, 0.2419, 0.3609



58.0032, 0.3258, 0.2604



58.0032, 0.3498, 0.4378

Square

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



58.0032, 0.3258, 0.2604



58.0032, 0.4293, 0.3861



58.0032, 0.2916, 0.4152



58.0032, 0.2075, 0.2577

Rectangle

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



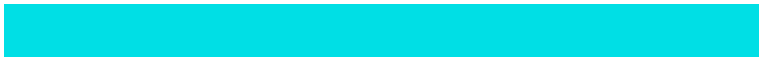
58.0032, 0.3258, 0.2604



58.0032, 0.4145, 0.3252



58.0032, 0.2916, 0.4152



58.0032, 0.2196, 0.3200

Sweetspot

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



57.9945, 0.3258, 0.2604



84.5551, 0.3163, 0.3079



47.7696, 0.2631, 0.2366



17.6698, 0.3168, 0.3049



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.



57.9945, 0.3258, 0.2604



52.0785, 0.3289, 0.2471



55.8673, 0.3590, 0.2983



18.2514, 0.3161, 0.3090



13.7514, 0.3623, 0.1770



1.3510, 0.3569, 0.1740

Inverse Universe

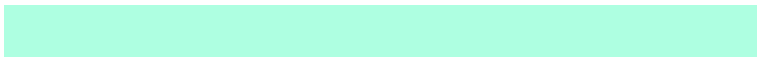
The Inverse Universe completely reimagines the original color for something new.



57.9945, 0.3258, 0.2604



52.0785, 0.3289, 0.2471



85.9680, 0.2816, 0.3622



18.2514, 0.3161, 0.3090



13.7514, 0.3623, 0.1770



1.3510, 0.3569, 0.1740

Previews

White Background



This preview shows how the Yxy color 58.0032, 0.3258, 0.2604 looks on a white background.

Color Contrast Check

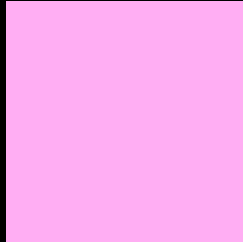
Large Text (above 18pt) WCAG AA × Fail

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 58.0032, 0.3258, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

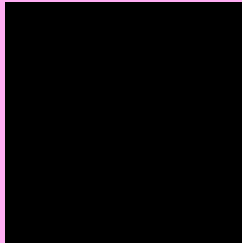
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0032, 0.3258, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 58.0032, 0.3258, 0.2604.



This preview shows how white text looks on a background with the Yxy color 58.0032, 0.3258, 0.2604.

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

58.0032, 0.3258, 0.2604

Protanopia

58.5060, 0.2669, 0.2659

Deuteranopia

58.2684, 0.2873, 0.2805



Tritanopia

58.0379, 0.3578, 0.3143

Trichromacy



Original Color

58.0032, 0.3258, 0.2604



Protanomaly

57.6408, 0.2857, 0.2627



Deuteranomaly

57.6299, 0.3006, 0.2726



Tritanomaly

58.0068, 0.3456, 0.2938

Monochromacy



Original Color

58.0032, 0.3258, 0.2604



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.5453, 0.3180, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0032, 0.3258, 0.2604 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 243) }
```

Border

The CSS property to change the border of an element to Yxy 58.0032, 0.3258, 0.2604 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, 243) }
```

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

```
.border{ border-color:rgb(255, 174, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0032, 0.3258, 0.2604 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
174, 243) }
```

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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