

Converting Colors

Yxy(56.8461, 0.3308, 0.2708)

Have a look what the booklet for
Yxy(56.8461, 0.3308, 0.2708)
contains.

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Color

Yxy(56.8101, 0.3304, 0.2708)

Conversions

Conversions Part 1

Format	Color
Hex	FAAFE8
RGB	250, 175, 232
RGB Percent	98%, 69%, 91%
CMY	0.0197, 0.3137, 0.0902
CMYK	0.00, 0.30, 0.07, 0.02
HSL	314°, 88%, 83%
HSV	314°, 30%, 98%
XYZ	69.3134, 56.8101, 83.6627
YIQ	203.9230, 26.4030, 33.6270

Conversions

Conversions Part 2

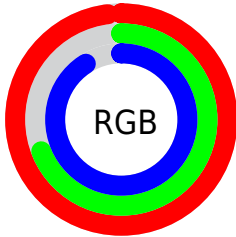
Format	Color
R _Y B	250, 175, 232
Decimal	16429032
CIE Lab	80.07, 35.95, -17.54
CIE LCh	80, 39.998, 333.988
Yxy	56.8101, 0.3304, 0.2708
Android (android.graphics.Color)	4294619112 (0xFFFAAFE8)
YUV	203.9230, 13.8420, 40.4095
Hunter-Lab	75.3725, 32.2487, -13.0506

Details

The Yxy color $56.8101, 0.3304, 0.2708$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.3200, 0.2989, 0.3953$, and the grayscale version is $60.2323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $28.1468, 0.3352, 0.2573$ is the 20% darker color. If you saturate the color by 10%, you get $47.6303, 0.3381, 0.2514$, and if you desaturate by 10%, it is $67.8077, 0.3236, 0.2906$.

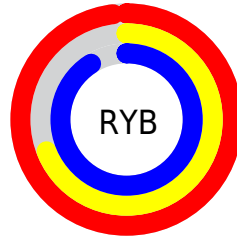
Distribution



Red (98%)

Green (69%)

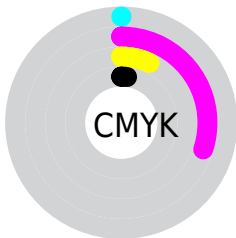
Blue (91%)



Red (98%)

Yellow (69%)

Blue (91%)

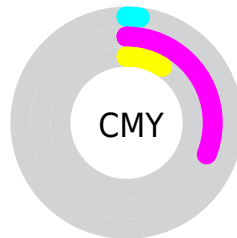


Cyan (0%)

Magenta (30%)

Yellow (7%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8101, 0.3304, 0.2708 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 56.8101, 0.3304, 0.2708 by changing the saturation by 10% instead.


 56.8101, 0.3304,
0.2708

 56.8101, 0.3304,
0.2708

412.7373, 0.3225,
0.2975

 40.8528, 0.3321,
0.2648


 100.1880, 0.3277,
0.2800

 28.2041, 0.3342,
0.2574


128.3775, 0.3267,
0.2836

 18.4796, 0.3368,
0.2481

161.4131, 0.3257,
0.2867

 11.2948, 0.3401,
0.2361

199.6792, 0.3249,
0.2894

 6.2655, 0.3443,
0.2199

243.5603, 0.3242,
0.2918

 3.0072, 0.3500,
0.1973


293.4408, 0.3236,

 1.1355, 0.3576,


0.2939


0.1636


349.7050, 0.3230,
0.2958

 0.0080, 0.4110,
0.0037


 0.0000, 0.0000,
0.0000


 56.8101, 0.3304,
0.2708


 56.8101, 0.3304,
0.2708

 47.6303, 0.3381,
0.2514


 67.8077, 0.3236,
0.2906


 40.1609, 0.3466,
0.2333

 80.7073, 0.3177,
0.3102

 34.2953, 0.3558,
0.2174

 95.5973, 0.3127,
0.3290

 29.9114, 0.3655,
0.2050

 99.0591, 0.3096,
0.3290

■ 26.8699, 0.3753,
0.1969

■ 25.0043, 0.3849,
0.1935

■ 24.0408, 0.3942,
0.1945

■ 24.0397, 0.3942,
0.1945

Harmonies

Analogous

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



56.8101, 0.2785, 0.2503



56.8101, 0.3304, 0.2708



56.8101, 0.3810, 0.3042

Triad

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



56.8101, 0.3304, 0.2708



56.8101, 0.3869, 0.4153



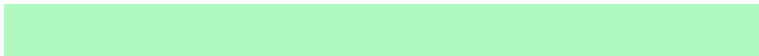
56.8101, 0.2221, 0.3001

Complementary

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



56.8101, 0.3304, 0.2708



81.3200, 0.2989, 0.3953

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.



56.8101, 0.2464, 0.3514



56.8101, 0.3304, 0.2708



56.8101, 0.3407, 0.4234

Square

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



56.8101, 0.3304, 0.2708



56.8101, 0.4142, 0.3847



56.8101, 0.2893, 0.3997



56.8101, 0.2198, 0.2633

Rectangle

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



56.8101, 0.3304, 0.2708



56.8101, 0.4051, 0.3307



56.8101, 0.2893, 0.3997



56.8101, 0.2278, 0.3162

Sweetspot

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



56.8126, 0.3304, 0.2708



85.8722, 0.3172, 0.3121



48.8401, 0.2719, 0.2439



17.9258, 0.3180, 0.3093



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.



56.8126, 0.3304, 0.2708



53.4086, 0.3349, 0.2590



54.9263, 0.3622, 0.3080



17.4493, 0.3175, 0.3111



12.7782, 0.3927, 0.1937



1.1999, 0.3823, 0.1880

Inverse Universe

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



56.8126, 0.3304, 0.2708



53.4086, 0.3349, 0.2590



83.1830, 0.2794, 0.3514



17.4493, 0.3175, 0.3111



12.7782, 0.3927, 0.1937



1.1999, 0.3823, 0.1880

Previews

White Background



This preview shows how the Yxy color 56.8101, 0.3304, 0.2708 looks on a white background.

Color Contrast Check

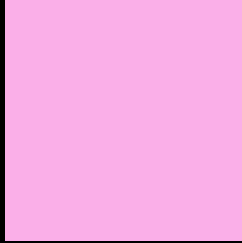
Large Text (above 18pt) WCAG AA × Fail

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 56.8101, 0.3304, 0.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

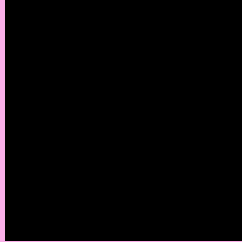
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8101, 0.3304, 0.2708

Background



This preview shows how black text looks on a background with the Yxy color 56.8101, 0.3304, 0.2708.



This preview shows how white text looks on a background with the Yxy color 56.8101, 0.3304, 0.2708.

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

56.8101, 0.3304, 0.2708

Protanopia

57.2127, 0.2720, 0.2718

Deuteranopia

57.0224, 0.2961, 0.2901



Tritanopia

56.8539, 0.3555, 0.3141

Trichromacy



Original Color

56.8101, 0.3304, 0.2708



Protanomaly

56.5076, 0.2909, 0.2703



Deuteranomaly

56.5699, 0.3085, 0.2827



Tritanomaly

56.6178, 0.3466, 0.2974

Monochromacy



Original Color

56.8101, 0.3304, 0.2708



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.3671, 0.3194, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8101, 0.3304, 0.2708 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(250, 175, 232)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 232)  
}
```

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(250, 175, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 232) }
```

Border

The CSS property to change the border of an element to Yxy 56.8101, 0.3304, 0.2708 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(250, 175, 232) }
```

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

```
.border{ border-color:rgb(250, 175, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8101, 0.3304, 0.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 232) }
```

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

```
.background{ background-color: rgb(250,  
175, 232) }
```

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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