

Converting Colors

Yxy(58.8681, 0.3164, 0.2669)

Have a look what the booklet for
Yxy(58.8681, 0.3164, 0.2669)
contains.

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Color

Yxy(58.9214, 0.3164, 0.2674)

Conversions

Conversions Part 1

Format	Color
Hex	F3B6F2
RGB	243, 182, 242
RGB Percent	95%, 71%, 95%
CMY	0.0470, 0.2863, 0.0509
CMYK	0.00, 0.25, 0.00, 0.05
HSL	301°, 72%, 83%
HSV	301°, 25%, 95%
XYZ	69.7185, 58.9214, 91.7094
YIQ	207.0790, 17.0960, 31.5920

Conversions

Conversions Part 2

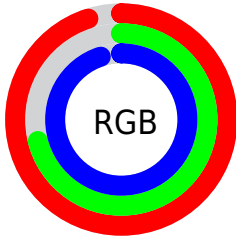
Format	Color
R _Y B	243, 182, 242
Decimal	15972082
CIE Lab	81.25, 31.75, -21.21
CIE LCh	81, 38.185, 326.261
Yxy	58.9214, 0.3164, 0.2674
Android (android.graphics.Color)	4294162162 (0xFFFF3B6F2)
YUV	207.0790, 17.2161, 31.5027
Hunter-Lab	76.7603, 27.7945, -17.1046

Details

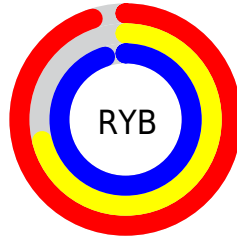
The Yxy color **58.9214, 0.3164, 0.2674** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.4674, 0.3088, 0.3994**, and the grayscale version is **62.3311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **29.4226, 0.3163, 0.2527** is the 20% darker color. If you saturate the color by 10%, you get **49.7955, 0.3179, 0.2432**, and if you desaturate by 10%, it is **69.7795, 0.3149, 0.2922**.

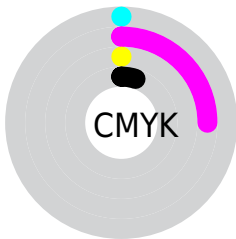
Distribution



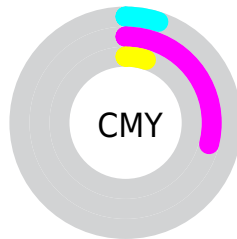
- Red (95%)
- Green (71%)
- Blue (95%)



- Red (95%)
- Yellow (71%)
- Blue (95%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9214, 0.3164, 0.2674 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 58.9214, 0.3164, 0.2674 by changing the saturation by 10% instead.


 58.9214, 0.3164,
0.2674

 58.9214, 0.3164,
0.2674

420.6106, 0.3153,
0.2954

 42.5499, 0.3165,
0.2611


 103.2634, 0.3161,
0.2770

 29.5321, 0.3166,
0.2535


132.0027, 0.3160,
0.2808

 19.4837, 0.3166,
0.2439


165.6333, 0.3158,
0.2841

 12.0203, 0.3164,
0.2315

204.5397, 0.3157,
0.2869

 6.7575, 0.3158,
0.2152

249.1062, 0.3156,
0.2894

 3.3109, 0.3143,
0.1924


299.7172, 0.3155,

 1.2961, 0.3104,

0.2916


0.1593

356.7572, 0.3154,
0.2936

 0.1382, 0.3191,
0.0486


 0.0000, 0.0000,
0.0000


 58.9214, 0.3164,
0.2674

 58.9214, 0.3164,
0.2674


 49.7955, 0.3179,
0.2432


 69.7795, 0.3149,
0.2922


 42.3047, 0.3194,
0.2204

 82.4448, 0.3134,
0.3168

 36.3547, 0.3209,
0.2001

 96.9973, 0.3121,
0.3405

 31.8378, 0.3222,
0.1832

 97.0822, 0.3118,
0.3402

28.6329, 0.3233,
0.1703

97.1062, 0.3116,
0.3398

26.5988, 0.3241,
0.1618

97.1303, 0.3114,
0.3394

25.5619, 0.3248,
0.1575

97.1544, 0.3111,
0.3390

25.2899, 0.3251,
0.1565

97.1786, 0.3109,
0.3386

97.2028, 0.3107,
0.3382

Harmonies

Analogous

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



58.9214, 0.2694, 0.2518



58.9214, 0.3164, 0.2674



58.9214, 0.3659, 0.2966

Triad

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



58.9214, 0.3164, 0.2674



58.9214, 0.3917, 0.4049



58.9214, 0.2309, 0.3136

Complementary

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



58.9214, 0.3164, 0.2674



77.4674, 0.3088, 0.3994

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.



58.9214, 0.2592, 0.3630



58.9214, 0.3164, 0.2674



58.9214, 0.3517, 0.4186

Square

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



58.9214, 0.3164, 0.2674



58.9214, 0.4109, 0.3728



58.9214, 0.3031, 0.4039



58.9214, 0.2231, 0.2743

Rectangle

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



58.9214, 0.3164, 0.2674



58.9214, 0.3923, 0.3209



58.9214, 0.3031, 0.4039



58.9214, 0.2381, 0.3297

Sweetspot

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



58.9240, 0.3164, 0.2674



87.6465, 0.3138, 0.3097



49.8741, 0.2694, 0.2574



18.2950, 0.3141, 0.3060



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.



58.9240, 0.3164, 0.2674



60.4401, 0.3172, 0.2552



57.2915, 0.3398, 0.2966



16.7634, 0.3141, 0.3061



13.8817, 0.3250, 0.1564



1.2215, 0.3245, 0.1561

Inverse Universe

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



58.9240, 0.3164, 0.2674



60.4401, 0.3172, 0.2552



78.8275, 0.2922, 0.3639



16.7634, 0.3141, 0.3061



13.8817, 0.3250, 0.1564



1.2215, 0.3245, 0.1561

Previews

White Background



This preview shows how the Yxy color 58.9214, 0.3164, 0.2674 looks on a white background.

Color Contrast Check

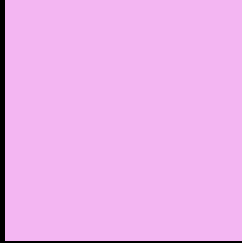
Large Text (above 18pt) WCAG AA × Fail

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 58.9214, 0.3164, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

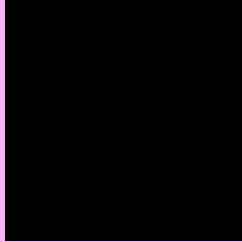
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9214, 0.3164, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 58.9214, 0.3164, 0.2674.

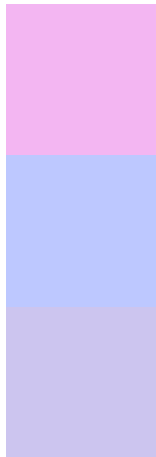


This preview shows how white text looks on a background with the Yxy color 58.9214, 0.3164, 0.2674.

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

58.9214, 0.3164, 0.2674

Protanopia

59.3474, 0.2689, 0.2674

Deuteranopia

59.0019, 0.2888, 0.2819



Tritanopia

58.9320, 0.3416, 0.3128

Trichromacy



Original Color

58.9214, 0.3164, 0.2674



Protanomaly

58.5974, 0.2851, 0.2668



Deuteranomaly

58.8960, 0.2983, 0.2767



Tritanomaly

58.7050, 0.3324, 0.2950

Monochromacy



Original Color

58.9214, 0.3164, 0.2674



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.7711, 0.3139, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9214, 0.3164, 0.2674 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(243, 182, 242)` looks like.

```
.text, #text, p{  
    color:rgb(243, 182, 242)  
}
```

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(243, 182, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 182, 242) }
```

Border

The CSS property to change the border of an element to Yxy 58.9214, 0.3164, 0.2674 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(243, 182, 242) }
```

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

```
.border{ border-color:rgb(243, 182, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 182, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 182, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 182, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 182,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9214, 0.3164, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 182, 242) }
```

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

```
.background{ background-color: rgb(243,  
182, 242) }
```

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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