

Converting Colors

Yxy(58.4531, 0.3161, 0.2700)

Have a look what the booklet for
Yxy(58.4531, 0.3161, 0.2700)
contains.

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Color

Yxy(58.2132, 0.3163, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	F0B6EF
RGB	240, 182, 239
RGB Percent	94%, 71%, 94%
CMY	0.0588, 0.2863, 0.0627
CMYK	0.00, 0.24, 0.00, 0.06
HSL	301°, 66%, 83%
HSV	301°, 24%, 94%
XYZ	68.2462, 58.2132, 89.3048
YIQ	205.8400, 16.2710, 30.0230

Conversions

Conversions Part 2

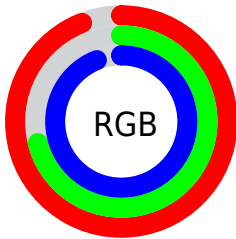
Format	Color
R _Y B	240, 182, 239
Decimal	15775471
CIE Lab	80.86, 30.24, -20.22
CIE LCh	81, 36.378, 326.237
Yxy	58.2132, 0.3163, 0.2698
Android (android.graphics.Color)	4293965551 (0xFFFF0B6EF)
YUV	205.8400, 16.3479, 29.9583
Hunter-Lab	76.2976, 26.1429, -15.9895

Details

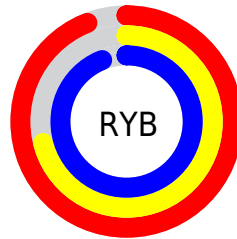
The Yxy color $58.2132, 0.3163, 0.2698$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $75.6911, 0.3089, 0.3963$, and the grayscale version is $61.5017, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $28.9245, 0.3162, 0.2555$ is the 20% darker color. If you saturate the color by 10%, you get $49.1886, 0.3179, 0.2455$, and if you desaturate by 10%, it is $68.9277, 0.3148, 0.2946$.

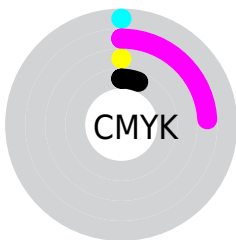
Distribution



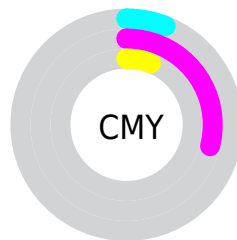
- Red (94%)
- Green (71%)
- Blue (94%)



- Red (94%)
- Yellow (71%)
- Blue (94%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2132, 0.3163, 0.2698 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 58.2132, 0.3163, 0.2698 by changing the saturation by 10% instead.

 58.2132, 0.3163,
0.2698

 58.2132, 0.3163,
0.2698

417.9799, 0.3152,
0.2969

 41.9801, 0.3164,
0.2637

 102.2333, 0.3160,
0.2791

 29.0857, 0.3165,
0.2563


130.7890, 0.3159,
0.2828

 19.1457, 0.3166,
0.2469

164.2210, 0.3157,
0.2859

 11.7756, 0.3164,
0.2348


202.9138, 0.3156,
0.2887

 6.5910, 0.3159,
0.2187

247.2517, 0.3155,
0.2911

 3.2077, 0.3145,
0.1962


297.6190, 0.3154,

 1.2411, 0.3108,


0.2932


0.1630


354.4003, 0.3153,
0.2951

 0.0949, 0.3246,
0.0372


 0.0000, 0.0000,
0.0000


 58.2132, 0.3163,
0.2698


 58.2132, 0.3163,
0.2698


 49.1886, 0.3179,
0.2455


 68.9277, 0.3148,
0.2946


 41.7603, 0.3194,
0.2226

 81.4041, 0.3133,
0.3190


 35.8374, 0.3209,
0.2020


 95.7197, 0.3119,
0.3426

 31.3167, 0.3222,
0.1848


 96.3784, 0.3116,
0.3432

 28.0821, 0.3233,
0.1715


 96.4032, 0.3114,
0.3427


 25.9990, 0.3243,
0.1626


 96.4281, 0.3112,
0.3423

 24.9029, 0.3250,
0.1579

 96.4530, 0.3109,
0.3419

 24.5749, 0.3254,
0.1566

 96.4780, 0.3107,
0.3415

 96.5031, 0.3105,
0.3411

Harmonies

Analogous

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



58.2132, 0.2713, 0.2548



58.2132, 0.3163, 0.2698



58.2132, 0.3636, 0.2979

Triad

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



58.2132, 0.3163, 0.2698



58.2132, 0.3885, 0.4018



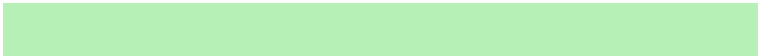
58.2132, 0.2342, 0.3145

Complementary

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



58.2132, 0.3163, 0.2698



75.6911, 0.3089, 0.3963

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.



58.2132, 0.2615, 0.3615



58.2132, 0.3163, 0.2698



58.2132, 0.3503, 0.4146

Square

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



58.2132, 0.3163, 0.2698



58.2132, 0.4067, 0.3713



58.2132, 0.3037, 0.4003



58.2132, 0.2267, 0.2768

Rectangle

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



58.2132, 0.3163, 0.2698



58.2132, 0.3888, 0.3214



58.2132, 0.3037, 0.4003



58.2132, 0.2412, 0.3299

Sweetspot

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



58.2157, 0.3163, 0.2698



89.1154, 0.3137, 0.3121



49.8113, 0.2720, 0.2606



18.8839, 0.3138, 0.3107



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.



58.2157, 0.3163, 0.2698



61.4659, 0.3171, 0.2577



56.6385, 0.3394, 0.2989



16.0264, 0.3141, 0.3061



13.4534, 0.3253, 0.1566



1.1207, 0.3247, 0.1562

Inverse Universe

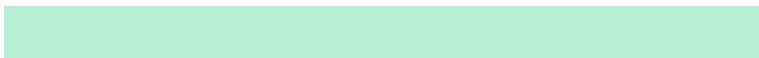
The Inverse Universe completely reimagines the original color for something new.



58.2157, 0.3163, 0.2698



61.4659, 0.3171, 0.2577



77.0241, 0.2924, 0.3613



16.0264, 0.3141, 0.3061



13.4534, 0.3253, 0.1566



1.1207, 0.3247, 0.1562

Previews

White Background



This preview shows how the Yxy color 58.2132, 0.3163, 0.2698 looks on a white background.

Color Contrast Check

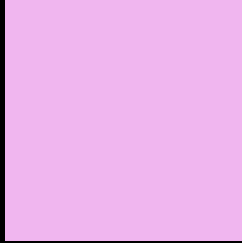
Large Text (above 18pt) WCAG AA × Fail

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 58.2132, 0.3163, 0.2698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

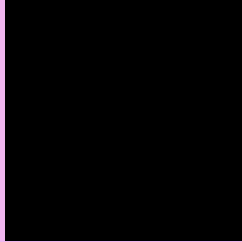
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2132, 0.3163, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 58.2132, 0.3163, 0.2698.



This preview shows how white text looks on a background with the Yxy color 58.2132, 0.3163, 0.2698.

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

58.2132, 0.3163, 0.2698

Protanopia

58.6307, 0.2711, 0.2703

Deuteranopia

58.2325, 0.2900, 0.2838



Tritanopia

58.3692, 0.3399, 0.3137

Trichromacy



Original Color

58.2132, 0.3163, 0.2698



Protanomaly

58.2652, 0.2863, 0.2696



Deuteranomaly

57.9750, 0.2989, 0.2784



Tritanomaly

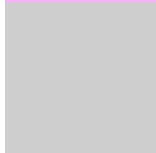
58.0802, 0.3315, 0.2968

Monochromacy



Original Color

58.2132, 0.3163, 0.2698



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.8999, 0.3138, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2132, 0.3163, 0.2698 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(240, 182, 239)` looks like.

```
.text, #text, p{  
    color:rgb(240, 182, 239)  
}
```

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(240, 182, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 182, 239) }
```

Border

The CSS property to change the border of an element to Yxy 58.2132, 0.3163, 0.2698 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(240, 182, 239) }
```

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

```
.border{ border-color:rgb(240, 182, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 182, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 182, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 182, 239); box-shadow:4px 4px 4px 4px rgb(240, 182, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2132, 0.3163, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 182, 239) }
```

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

```
.background{ background-color: rgb(240,  
182, 239) }
```

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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