

Converting Colors

$Yxy(59.8987, 0.3293, 0.2777)$

Have a look what the booklet for
Yxy(59.8987, 0.3293, 0.2777)
contains.

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Color

Yxy(59.6631, 0.3290, 0.2770)

Conversions

Conversions Part 1

Format	Color
Hex	FAB6E9
RGB	250, 182, 233
RGB Percent	98%, 71%, 91%
CMY	0.0195, 0.2863, 0.0863
CMYK	0.00, 0.27, 0.07, 0.02
HSL	315°, 87%, 85%
HSV	315°, 27%, 98%
XYZ	70.8634, 59.6631, 84.8638
YIQ	208.1460, 24.1570, 30.2770

Conversions

Conversions Part 2

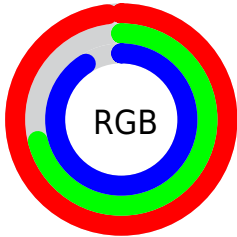
Format	Color
R _Y B	250, 182, 233
Decimal	16430825
CIE Lab	81.65, 32.46, -15.69
CIE LCh	82, 36.048, 334.206
Yxy	59.6631, 0.3290, 0.2770
Android (android.graphics.Color)	4294620905 (0xFFFA6E9)
YUV	208.1460, 12.2530, 36.7060
Hunter-Lab	77.2419, 28.5865, -11.0711

Details

The Yxy color $59.6631, 0.3290, 0.2770$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $82.4521, 0.2997, 0.3874$, and the grayscale version is $63.0854, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $29.9501, 0.3332, 0.2651$ is the 20% darker color. If you saturate the color by 10%, you get $49.9718, 0.3367, 0.2576$, and if you desaturate by 10%, it is $71.2005, 0.3222, 0.2966$.

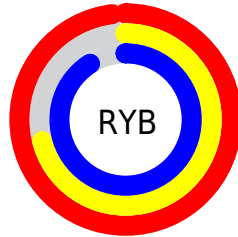
Distribution



Red (98%)

Green (71%)

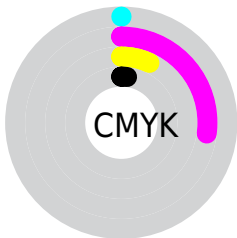
Blue (91%)



Red (98%)

Yellow (71%)

Blue (91%)

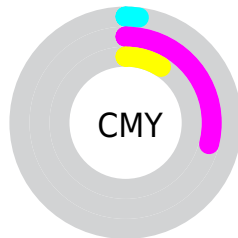


Cyan (0%)

Magenta (27%)

Yellow (7%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6631, 0.3290, 0.2770 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 59.6631, 0.3290, 0.2770 by changing the saturation by 10% instead.


 59.6631, 0.3290,
0.2770

 59.6631, 0.3290,
0.2770


423.3549, 0.3217,
0.3008

 43.1471, 0.3306,
0.2716


 104.3408, 0.3265,
0.2852

 30.0006, 0.3326,
0.2651


133.2713, 0.3255,
0.2884

 19.8390, 0.3350,
0.2568

167.1088, 0.3247,
0.2912

 12.2781, 0.3380,
0.2461

206.2377, 0.3239,
0.2936

 6.9334, 0.3421,
0.2317

251.0424, 0.3233,
0.2957

 3.4205, 0.3475,
0.2116


301.9072, 0.3227,

 1.3550, 0.3550,


0.2976


0.1814


359.2165, 0.3222,
0.2993


 0.1832, 0.3904,
0.0735


 0.0000, 0.0000,
0.0000


 59.6631, 0.3290,
0.2770


 59.6631, 0.3290,
0.2770


 49.9718, 0.3367,
0.2576


 71.2005, 0.3222,
0.2966

 42.0212, 0.3454,
0.2393

 84.6661, 0.3164,
0.3157

 35.7075, 0.3548,
0.2229

 98.8608, 0.3115,
0.3321

 30.9126, 0.3649,
0.2096

 99.0673, 0.3096,
0.3290

■ 27.5025, 0.3752,
0.2003

■ 25.3196, 0.3855,
0.1958

■ 24.1608, 0.3953,
0.1961

■ 23.9335, 0.3981,
0.1967

Harmonies

Analogous

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



59.6631, 0.2828, 0.2584



59.6631, 0.3290, 0.2770



59.6631, 0.3735, 0.3073

Triad

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



59.6631, 0.3290, 0.2770



59.6631, 0.3788, 0.4061



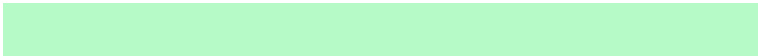
59.6631, 0.2315, 0.3036

Complementary

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



59.6631, 0.3290, 0.2770



82.4521, 0.2997, 0.3874

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.



59.6631, 0.2535, 0.3487



59.6631, 0.3290, 0.2770



59.6631, 0.3378, 0.4121

Square

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



59.6631, 0.3290, 0.2770



59.6631, 0.4028, 0.3797



59.6631, 0.2919, 0.3908



59.6631, 0.2295, 0.2706

Rectangle

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



59.6631, 0.3290, 0.2770



59.6631, 0.3947, 0.3314



59.6631, 0.2919, 0.3908



59.6631, 0.2367, 0.3178

Sweetspot

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



59.6658, 0.3290, 0.2770



87.3433, 0.3168, 0.3142



52.5018, 0.2772, 0.2529



18.2181, 0.3177, 0.3114



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.



59.6658, 0.3290, 0.2770



56.2659, 0.3334, 0.2656



57.9069, 0.3572, 0.3112



17.4460, 0.3176, 0.3114



12.7173, 0.3965, 0.1958



1.1948, 0.3855, 0.1897

Inverse Universe

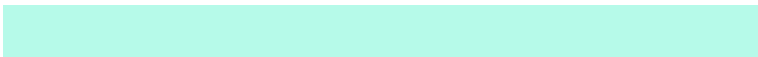
The Inverse Universe completely reimagines the original color for something new.



59.6658, 0.3290, 0.2770



56.2659, 0.3334, 0.2656



84.2112, 0.2816, 0.3477



17.4460, 0.3176, 0.3114



12.7173, 0.3965, 0.1958



1.1948, 0.3855, 0.1897

Previews

White Background



This preview shows how the Yxy color 59.6631, 0.3290, 0.2770 looks on a white background.

Color Contrast Check

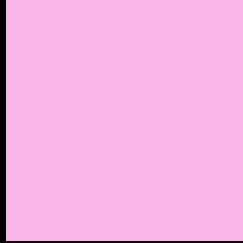
Large Text (above 18pt) WCAG AA × Fail

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 59.6631, 0.3290, 0.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

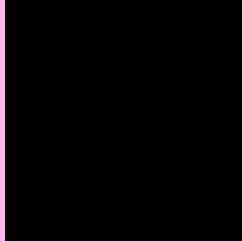
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6631, 0.3290, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 59.6631, 0.3290, 0.2770.



This preview shows how white text looks on a background with the Yxy color 59.6631, 0.3290, 0.2770.

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

59.6631, 0.3290, 0.2770

Protanopia

59.8964, 0.2777, 0.2782

Deuteranopia

59.8030, 0.2992, 0.2931



Tritanopia

59.8235, 0.3501, 0.3142

Trichromacy



Original Color

59.6631, 0.3290, 0.2770



Protanomaly

59.2306, 0.2947, 0.2775



Deuteranomaly

59.4763, 0.3100, 0.2866



Tritanomaly

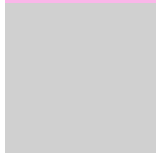
59.6961, 0.3422, 0.3007

Monochromacy



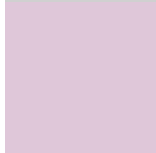
Original Color

59.6631, 0.3290, 0.2770



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.5446, 0.3183, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6631, 0.3290, 0.2770 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, 182, 233)` looks like.

```
.text, #text, p{  
    color:rgb(250, 182, 233)  
}
```

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, 182, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 182, 233) }
```

Border

The CSS property to change the border of an element to Yxy 59.6631, 0.3290, 0.2770 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, 182, 233) }
```

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

```
.border{ border-color:rgb(250, 182, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 182, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 182, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 182, 233);  
box-shadow:4px 4px 4px 4px rgb(250, 182,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6631, 0.3290, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 182, 233) }
```

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

```
.background{ background-color: rgb(250,  
182, 233) }
```

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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