

Converting Colors

Yxy(58.4711, 0.3322, 0.2724)

Have a look what the booklet for
Yxy(58.4711, 0.3322, 0.2724)
contains.

Yxy(58.3983, 0.3327, 0.2725)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.3983, 0.3327, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	FEB1E9
RGB	254, 177, 233
RGB Percent	100%, 69%, 91%
CMY	0.0040, 0.3058, 0.0863
CMYK	0.00, 0.30, 0.08, 0.00
HSL	316°, 97%, 85%
HSV	316°, 30%, 100%
XYZ	71.2995, 58.3983, 84.6079
YIQ	206.4070, 27.9160, 33.7400

Conversions

Conversions Part 2

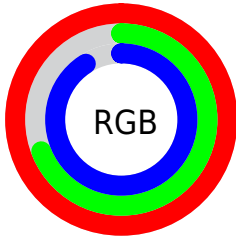
Format	Color
RYB	254, 177, 233
Decimal	16691689
CIELab	80.96, 36.38, -16.70
CIElCh	81, 40.030, 335.344
Yxy	58.3983, 0.3327, 0.2725
Android (android.graphics.Color)	4294881769 (0xFFFEb1E9)
YUV	206.4070, 13.1103, 41.7391
Hunter-Lab	76.4188, 32.8095, -12.1504

Details

The Yxy color **58.3983, 0.3327, 0.2725** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.3003, 0.2974, 0.3932**, and the grayscale version is **61.8984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **29.0760, 0.3371, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **48.8951, 0.3414, 0.2538**, and if you desaturate by 10%, it is **69.7895, 0.3251, 0.2916**.

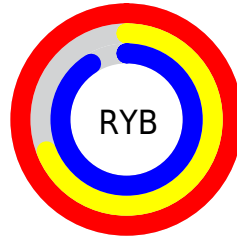
Distribution



Red (100%)

Green (69%)

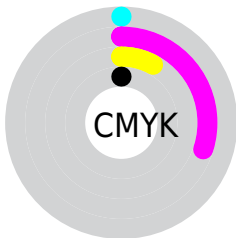
Blue (91%)



Red (100%)

Yellow (69%)

Blue (91%)

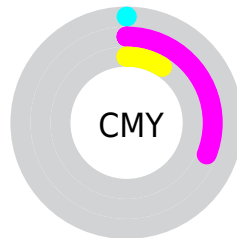


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3983, 0.3327, 0.2725 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 58.3983, 0.3327, 0.2725 by changing the saturation by 10% instead.


 58.3983, 0.3327,
0.2725

 58.3983, 0.3327,
0.2725


418.6685, 0.3237,
0.2983

 42.1289, 0.3347,
0.2667


 102.5026, 0.3296,
0.2814

 29.2023, 0.3371,
0.2596


131.1064, 0.3284,
0.2849

 19.2339, 0.3401,
0.2506


164.5905, 0.3274,
0.2879

 11.8394, 0.3440,
0.2391

203.3392, 0.3265,
0.2905

 6.6344, 0.3490,
0.2236

247.7369, 0.3257,
0.2928

 3.2345, 0.3559,
0.2020


298.1681, 0.3249,

 1.2554, 0.3656,

0.2948


0.1699


355.0172, 0.3243,
0.2967


 0.1062, 0.4117,
0.0438


 0.0000, 0.0000,
0.0000


 58.3983, 0.3327,
0.2725


 58.3983, 0.3327,
0.2725


 48.8951, 0.3414,
0.2538


 69.7895, 0.3251,
0.2916

 41.1679, 0.3511,
0.2364

 83.1566, 0.3185,
0.3104

 35.1054, 0.3618,
0.2212

 98.5917, 0.3129,
0.3285

 30.5802, 0.3730,
0.2094

99.8082, 0.3121,
0.3290

■ 27.4463, 0.3845,
0.2020

■ 25.5295, 0.3958,
0.1994

■ 24.5607, 0.4064,
0.2012

Harmonies

Analogous

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



58.3983, 0.2810, 0.2514



58.3983, 0.3327, 0.2725



58.3983, 0.3824, 0.3061

Triad

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



58.3983, 0.3327, 0.2725



58.3983, 0.3845, 0.4156



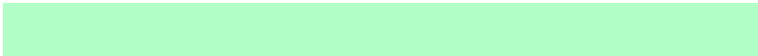
58.3983, 0.2222, 0.2984

Complementary

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



58.3983, 0.3327, 0.2725



84.3003, 0.2974, 0.3932

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.



58.3983, 0.2454, 0.3488



58.3983, 0.3327, 0.2725



58.3983, 0.3382, 0.4222

Square

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



58.3983, 0.3327, 0.2725



58.3983, 0.4127, 0.3860



58.3983, 0.2873, 0.3973



58.3983, 0.2209, 0.2627

Rectangle

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



58.3983, 0.3327, 0.2725



58.3983, 0.4056, 0.3326



58.3983, 0.2873, 0.3973



58.3983, 0.2275, 0.3141

Sweetspot

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



58.4009, 0.3327, 0.2725



85.8250, 0.3177, 0.3128



50.5473, 0.2732, 0.2432



17.9141, 0.3186, 0.3101



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.



58.4009, 0.3327, 0.2725



53.2374, 0.3375, 0.2617



56.4564, 0.3652, 0.3104



18.2109, 0.3180, 0.3119



12.9764, 0.4047, 0.2003



1.2818, 0.3929, 0.1938

Inverse Universe

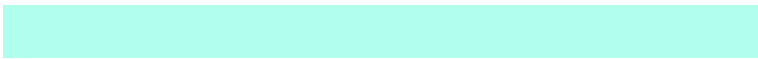
The Inverse Universe completely reimagines the original color for something new.



58.4009, 0.3327, 0.2725



53.2374, 0.3375, 0.2617



86.2810, 0.2777, 0.3487



18.2109, 0.3180, 0.3119



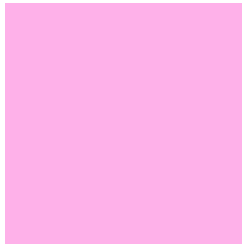
12.9764, 0.4047, 0.2003



1.2818, 0.3929, 0.1938

Previews

White Background



This preview shows how the Yxy color 58.3983, 0.3327, 0.2725 looks on a white background.

Color Contrast Check

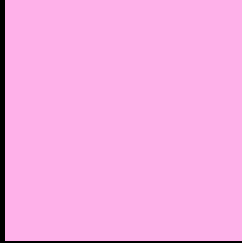
Large Text (above 18pt) WCAG AA × Fail

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 58.3983, 0.3327, 0.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

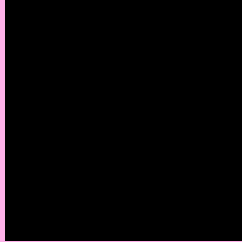
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3983, 0.3327, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 58.3983, 0.3327, 0.2725.



This preview shows how white text looks on a background with the Yxy color 58.3983, 0.3327, 0.2725.

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

58.3983, 0.3327, 0.2725

Protanopia

58.5713, 0.2736, 0.2734

Deuteranopia

58.5469, 0.2984, 0.2917



Tritanopia

58.6822, 0.3576, 0.3144

Trichromacy



Original Color

58.3983, 0.3327, 0.2725



Protanomaly

57.8788, 0.2925, 0.2720



Deuteranomaly

58.1159, 0.3109, 0.2844



Tritanomaly

58.2601, 0.3480, 0.2978

Monochromacy



Original Color

58.3983, 0.3327, 0.2725



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.6761, 0.3193, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3983, 0.3327, 0.2725 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(254, 177, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 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(254, 177, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 233) }
```

Border

The CSS property to change the border of an element to Yxy 58.3983, 0.3327, 0.2725 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(254, 177, 233) }
```

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

```
.border{ border-color:rgb(254, 177, 233) }
```

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

Here you see how a box with a 4 pixel rgb(254, 177, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3983, 0.3327, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 177, 233) }
```

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

```
.background{ background-color: rgb(254,  
177, 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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