

Converting Colors

Yxy(57.5143, 0.3140, 0.2675)

Have a look what the booklet for
Yxy(57.5143, 0.3140, 0.2675)
contains.

Yxy(57.5162, 0.3140, 0.2675)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.5162, 0.3140, 0.2675)

Conversions

Conversions Part 1

Format	Color
Hex	EEB5F0
RGB	238, 181, 240
RGB Percent	93%, 71%, 94%
CMY	0.0666, 0.2902, 0.0588
CMYK	0.01, 0.25, 0.00, 0.06
HSL	298°, 66%, 83%
HSV	298°, 25%, 94%
XYZ	67.5143, 57.5162, 89.9833
YIQ	204.7690, 15.0330, 30.4330

Conversions

Conversions Part 2

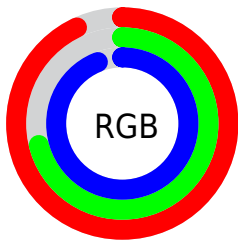
Format	Color
R _Y B	238, 181, 240
Decimal	15644144
CIE Lab	80.47, 30.31, -21.36
CIE LCh	80, 37.079, 324.827
Yxy	57.5162, 0.3140, 0.2675
Android (android.graphics.Color)	4293834224 (0xFFEEB5F0)
YUV	204.7690, 17.3689, 29.1436
Hunter-Lab	75.8394, 26.1866, -17.2598

Details

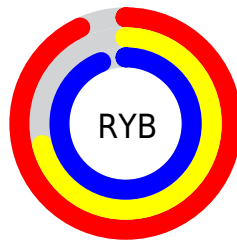
The Yxy color **57.5162, 0.3140, 0.2675** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.7251, 0.3107, 0.3986**, and the grayscale version is **60.7785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **28.7228, 0.3130, 0.2538** is the 20% darker color. If you saturate the color by 10%, you get **48.4446, 0.3144, 0.2426**, and if you desaturate by 10%, it is **68.2746, 0.3135, 0.2929**.

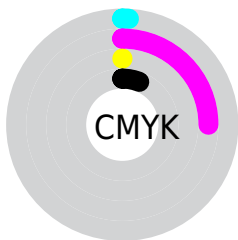
Distribution



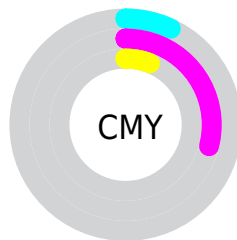
- Red (93%)
- Green (71%)
- Blue (94%)



- Red (93%)
- Yellow (71%)
- Blue (94%)



- Cyan (1%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)





- Cyan (7%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5162, 0.3140, 0.2675 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 57.5162, 0.3140, 0.2675 by changing the saturation by 10% instead.

 57.5162, 0.3140,
0.2675

 57.5162, 0.3140,
0.2675


415.3808, 0.3140,
0.2956

 41.4198, 0.3139,
0.2612


 101.2180, 0.3141,
0.2772

 28.6473, 0.3136,
0.2534


129.5922, 0.3141,
0.2810

 18.8142, 0.3132,
0.2437


162.8278, 0.3141,
0.2842

 11.5361, 0.3125,
0.2312

201.3092, 0.3141,
0.2871

 6.4286, 0.3111,
0.2145

245.4209, 0.3141,
0.2896

 3.1074, 0.3084,
0.1912


295.5470, 0.3140,

 1.1881, 0.3024,


0.2918


0.1569


352.0722, 0.3140,
0.2938


 0.0519, 0.3135,
0.0206


 0.0000, 0.0000,
0.0000

 57.5162, 0.3140,
0.2675


 57.5162, 0.3140,
0.2675


 48.4446, 0.3144,
0.2426


 68.2746, 0.3135,
0.2929


 40.9661, 0.3146,
0.2190

 80.7922, 0.3130,
0.3178

 34.9895, 0.3146,
0.1978

 95.1465, 0.3124,
0.3419

 30.4109, 0.3144,
0.1799

 96.5569, 0.3128,
0.3438

■ 27.1138, 0.3140,
0.1659

■ 96.7001, 0.3133,
0.3438

■ 24.9626, 0.3135,
0.1564

■ 96.8440, 0.3138,
0.3438

■ 23.7910, 0.3128,
0.1511

■ 96.9885, 0.3143,
0.3437

■ 23.4296, 0.3124,
0.1494

■ 97.1336, 0.3148,
0.3437

■ 97.2794, 0.3153,
0.3437

Harmonies

Analogous

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



57.5162, 0.2684, 0.2529



57.5162, 0.3140, 0.2675



57.5162, 0.3627, 0.2956

Triad

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



57.5162, 0.3140, 0.2675



57.5162, 0.3916, 0.4022



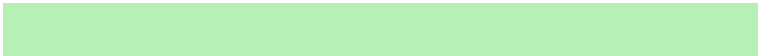
57.5162, 0.2334, 0.3163

Complementary

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



57.5162, 0.3140, 0.2675



75.7251, 0.3107, 0.3986

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.



57.5162, 0.2621, 0.3645



57.5162, 0.3140, 0.2675



57.5162, 0.3531, 0.4166

Square

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



57.5162, 0.3140, 0.2675



57.5162, 0.4091, 0.3704



57.5162, 0.3056, 0.4035



57.5162, 0.2247, 0.2770

Rectangle

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



57.5162, 0.3140, 0.2675



57.5162, 0.3890, 0.3194



57.5162, 0.3056, 0.4035



57.5162, 0.2408, 0.3321

Sweetspot

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



57.5187, 0.3140, 0.2675



89.0211, 0.3131, 0.3118



50.3763, 0.2708, 0.2628



18.8619, 0.3132, 0.3103



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.



57.5187, 0.3140, 0.2675



60.0332, 0.3142, 0.2537



56.4013, 0.3367, 0.2943



16.0026, 0.3133, 0.3057



12.8377, 0.3125, 0.1495



1.0764, 0.3137, 0.1502

Inverse Universe

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



54.9929, 0.3627, 0.3270



56.6398, 0.3782, 0.3265



76.6782, 0.2942, 0.3666



15.7675, 0.3288, 0.3282



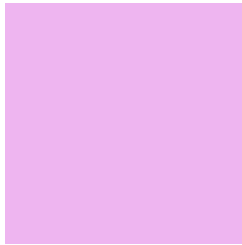
10.1546, 0.6365, 0.3280



0.8478, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 57.5162, 0.3140, 0.2675 looks on a white background.

Color Contrast Check

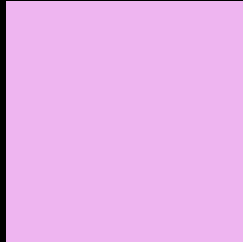
Large Text (above 18pt) WCAG AA × Fail

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 57.5162, 0.3140, 0.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

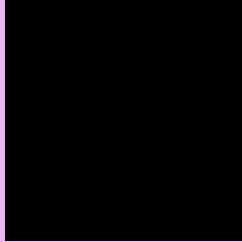
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5162, 0.3140, 0.2675

Background



This preview shows how black text looks on a background with the Yxy color 57.5162, 0.3140, 0.2675.



This preview shows how white text looks on a background with the Yxy color 57.5162, 0.3140, 0.2675.

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

57.5162, 0.3140, 0.2675

Protanopia

57.9812, 0.2691, 0.2679

Deuteranopia

57.5621, 0.2879, 0.2814



Tritanopia

57.6019, 0.3384, 0.3125

Trichromacy



Original Color

57.5162, 0.3140, 0.2675



Protanomaly

57.5984, 0.2842, 0.2672



Deuteranomaly

57.2961, 0.2967, 0.2760



Tritanomaly

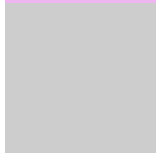
57.3180, 0.3300, 0.2955

Monochromacy



Original Color

57.5162, 0.3140, 0.2675



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.2935, 0.3131, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5162, 0.3140, 0.2675 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(238, 181, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 181, 240)  
}
```

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(238, 181, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 181, 240) }
```

Border

The CSS property to change the border of an element to Yxy 57.5162, 0.3140, 0.2675 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(238, 181, 240) }
```

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

```
.border{ border-color:rgb(238, 181, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 181, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 181,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5162, 0.3140, 0.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 181, 240) }
```

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

```
.background{ background-color: rgb(238,  
181, 240) }
```

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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