

Converting Colors

Yxy(54.6098, 0.3258, 0.2979)

Have a look what the booklet for
Yxy(54.6098, 0.3258, 0.2979)
contains.

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Color

Yxy(54.5777, 0.3259, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7D3
RGB	225, 183, 211
RGB Percent	88%, 72%, 83%
CMY	0.1175, 0.2824, 0.1726
CMYK	0.00, 0.19, 0.06, 0.12
HSL	320°, 41%, 80%
HSV	320°, 19%, 88%
XYZ	59.7476, 54.5777, 69.0059
YIQ	198.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

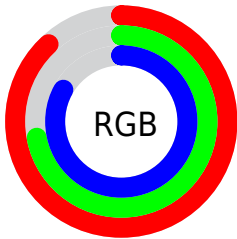
Format	Color
RYP	225, 183, 211
Decimal	14792659
CIELab	78.80, 19.71, -8.35
CIElCh	79, 21.402, 337.039
Yxy	54.5777, 0.3259, 0.2977
Android (android.graphics.Color)	4292982739 (0xFFE1B7D3)
YUV	198.7500, 6.0393, 23.0213
Hunter-Lab	73.8767, 15.0772, -3.6672

Details

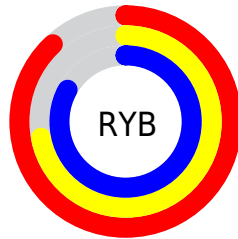
The Yxy color $54.5777, 0.3259, 0.2977$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $67.9650, 0.3016, 0.3625$, and the grayscale version is $56.9100, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $26.8006, 0.3292, 0.2908$ is the 20% darker color. If you saturate the color by 10%, you get $45.6595, 0.3348, 0.2802$, and if you desaturate by 10%, it is $65.0023, 0.3183, 0.3148$.

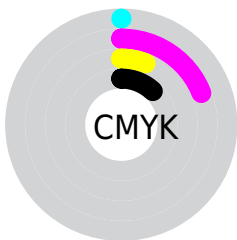
Distribution



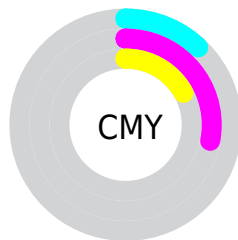
- Red (88%)
- Green (72%)
- Blue (83%)



- Red (88%)
- Yellow (72%)
- Blue (83%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5777, 0.3259, 0.2977 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 54.5777, 0.3259, 0.2977 by changing the saturation by 10% instead.


 54.5777, 0.3259,
0.2977

 54.5777, 0.3259,
0.2977


404.3091, 0.3197,
0.3126

 39.0637, 0.3274,
0.2942


 96.9219, 0.3237,
0.3029

 26.8093, 0.3292,
0.2899


124.5210, 0.3229,
0.3049

 17.4301, 0.3315,
0.2843


156.9172, 0.3221,
0.3067

 10.5416, 0.3346,
0.2768

194.4949, 0.3215,
0.3082

 5.7595, 0.3389,
0.2664

237.6386, 0.3210,
0.3095

 2.6994, 0.3453,
0.2509

286.7326, 0.3205,

 0.9769, 0.3558,

0.3106

0.2253

342.1613, 0.3201,
0.3116

0.0000, 0.4469,
0.0000

0.0000, 0.0000,
0.0000

54.5777, 0.3259,
0.2977

54.5777, 0.3259,
0.2977

45.6595, 0.3348,
0.2802

65.0023, 0.3183,
0.3148

38.1700, 0.3451,
0.2629

76.9920, 0.3119,
0.3311

32.0350, 0.3568,
0.2465

90.6112, 0.3066,
0.3464

27.1713, 0.3698,
0.2320

93.8860, 0.3023,
0.3431

■ 23.4860, 0.3838,
0.2206

■ 94.3446, 0.2981,
0.3354

■ 20.8736, 0.3984,
0.2133

■ 94.7520, 0.2946,
0.3289

■ 19.2095, 0.4131,
0.2109

■ 18.3065, 0.4274,
0.2134

■ 18.2098, 0.4293,
0.2139

Harmonies

Analogous

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



54.5777, 0.2972, 0.2849



54.5777, 0.3259, 0.2977



54.5777, 0.3520, 0.3181

Triad

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



54.5777, 0.3259, 0.2977



54.5777, 0.3519, 0.3774



54.5777, 0.2610, 0.3122

Complementary

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



54.5777, 0.3259, 0.2977



67.9650, 0.3016, 0.3625

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.



54.5777, 0.2743, 0.3388



54.5777, 0.3259, 0.2977



54.5777, 0.3264, 0.3780

Square

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



54.5777, 0.3259, 0.2977



54.5777, 0.3672, 0.3636



54.5777, 0.2980, 0.3637



54.5777, 0.2608, 0.2919

Rectangle

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



54.5777, 0.3259, 0.2977



54.5777, 0.3638, 0.3338



54.5777, 0.2980, 0.3637



54.5777, 0.2641, 0.3207

Sweetspot

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



54.5801, 0.3259, 0.2977



90.2989, 0.3165, 0.3192



51.1745, 0.2926, 0.2796



19.1116, 0.3170, 0.3181



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.



54.5801, 0.3259, 0.2977



68.1323, 0.3288, 0.2916



53.5953, 0.3432, 0.3211



13.8537, 0.3189, 0.3135



10.5130, 0.4272, 0.2127



0.7451, 0.4067, 0.2014

Inverse Universe

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



54.5801, 0.3259, 0.2977



68.1323, 0.3288, 0.2916



68.9953, 0.2889, 0.3371



13.8537, 0.3189, 0.3135



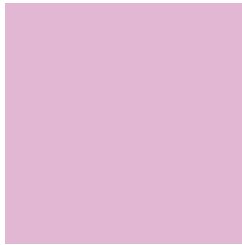
10.5130, 0.4272, 0.2127



0.7451, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 54.5777, 0.3259, 0.2977 looks on a white background.

Color Contrast Check

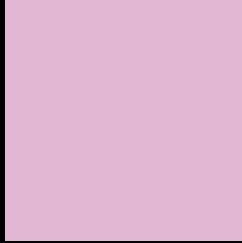
Large Text (above 18pt) WCAG AA × Fail

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 54.5777, 0.3259, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

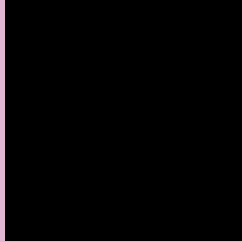
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5777, 0.3259, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 54.5777, 0.3259, 0.2977.



This preview shows how white text looks on a background with the Yxy color 54.5777, 0.3259, 0.2977.

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

54.5777, 0.3259, 0.2977

Protanopia

54.8520, 0.2940, 0.3004

Deuteranopia

54.8900, 0.3122, 0.3057



Tritanopia

54.5094, 0.3337, 0.3131

Trichromacy



Original Color

54.5777, 0.3259, 0.2977

Protanomaly

54.5706, 0.3053, 0.2998

Deuteranomaly

54.4899, 0.3172, 0.3025

Tritanomaly

54.4401, 0.3314, 0.3075

Monochromacy



Original Color

54.5777, 0.3259, 0.2977

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.8616, 0.3173, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5777, 0.3259, 0.2977 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(225, 183, 211)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 211)  
}
```

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(225, 183, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 211) }
```

Border

The CSS property to change the border of an element to Yxy 54.5777, 0.3259, 0.2977 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(225, 183, 211) }
```

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

```
.border{ border-color:rgb(225, 183, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5777, 0.3259, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 211) }
```

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

```
.background{ background-color: rgb(225,  
183, 211) }
```

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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