

Converting Colors

$Y_{xy}(54.5420, 0.3171, 0.2767)$

Have a look what the booklet for
Yxy(54.5420, 0.3171, 0.2767)
contains.

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Color

Yxy(54.6092, 0.3176, 0.2770)

Conversions

Conversions Part 1

Format	Color
Hex	E6B3E3
RGB	230, 179, 227
RGB Percent	90%, 70%, 89%
CMY	0.0981, 0.2980, 0.1098
CMYK	0.00, 0.22, 0.01, 0.10
HSL	303°, 50%, 80%
HSV	303°, 22%, 90%
XYZ	62.6133, 54.6092, 79.9226
YIQ	199.7210, 14.9880, 25.7400

Conversions

Conversions Part 2

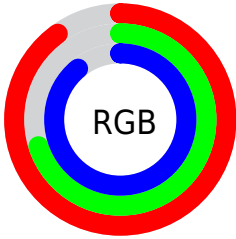
Format	Color
R _Y B	230, 179, 227
Decimal	15119331
CIE Lab	78.82, 26.37, -16.94
CIE LCh	79, 31.340, 327.287
Yxy	54.6092, 0.3176, 0.2770
Android (android.graphics.Color)	4293309411 (0xFFE6B3E3)
YUV	199.7210, 13.4485, 26.5547
Hunter-Lab	73.8980, 21.9202, -12.3950

Details

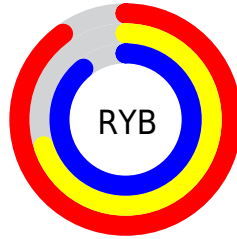
The Yxy color **54.6092, 0.3176, 0.2770** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5413, 0.3080, 0.3872**, and the grayscale version is **57.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **26.8989, 0.3180, 0.2643** is the 20% darker color. If you saturate the color by 10%, you get **46.0747, 0.3201, 0.2534**, and if you desaturate by 10%, it is **64.6863, 0.3153, 0.3008**.

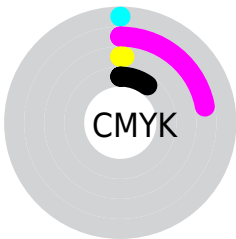
Distribution



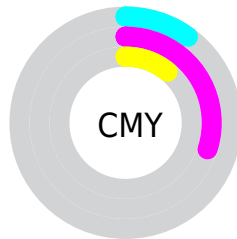
- Red (90%)
- Green (70%)
- Blue (89%)



- Red (90%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (10%)




- Cyan (10%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6092, 0.3176, 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 54.6092, 0.3176, 0.2770 by changing the saturation by 10% instead.


 54.6092, 0.3176,
0.2770

 54.6092, 0.3176,
0.2770


404.4288, 0.3157,
0.3012

 39.0889, 0.3179,
0.2714


 96.9681, 0.3170,
0.2854

 26.8289, 0.3183,
0.2646


124.5756, 0.3168,
0.2887

 17.4448, 0.3187,
0.2559


156.9809, 0.3165,
0.2915

 10.5521, 0.3191,
0.2444

194.5684, 0.3163,
0.2940

 5.7665, 0.3194,
0.2289

237.7226, 0.3161,
0.2961

 2.7036, 0.3192,
0.2066

286.8278, 0.3160,

 0.9790, 0.3173,

0.2980

0.1723

342.2684, 0.3158,
0.2997

0.0000, 0.3322,
0.0000

0.0000, 0.0000,
0.0000

54.6092, 0.3176,
0.2770

54.6092, 0.3176,
0.2770

46.0747, 0.3201,
0.2534

64.6863, 0.3153,
0.3008

38.9996, 0.3227,
0.2309

76.3698, 0.3131,
0.3241

33.3034, 0.3254,
0.2103

89.7286, 0.3112,
0.3464

28.8953, 0.3280,
0.1927

94.1854, 0.3102,
0.3520

■ 25.6736, 0.3305,
0.1789

■ 94.2618, 0.3094,
0.3506

■ 23.5210, 0.3328,
0.1694

■ 94.3387, 0.3087,
0.3492

■ 22.2966, 0.3348,
0.1642

■ 94.4163, 0.3079,
0.3478

■ 21.8084, 0.3363,
0.1626

■ 94.4944, 0.3071,
0.3464

■ 94.5731, 0.3064,
0.3451

Harmonies

Analogous

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



54.6092, 0.2775, 0.2632



54.6092, 0.3176, 0.2770



54.6092, 0.3589, 0.3026

Triad

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



54.6092, 0.3176, 0.2770



54.6092, 0.3788, 0.3943



54.6092, 0.2425, 0.3154

Complementary

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



54.6092, 0.3176, 0.2770



69.5413, 0.3080, 0.3872

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.



54.6092, 0.2665, 0.3561



54.6092, 0.3176, 0.2770



54.6092, 0.3449, 0.4040

Square

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



54.6092, 0.3176, 0.2770



54.6092, 0.3953, 0.3682



54.6092, 0.3037, 0.3903



54.6092, 0.2363, 0.2823

Rectangle

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



54.6092, 0.3176, 0.2770



54.6092, 0.3805, 0.3238



54.6092, 0.3037, 0.3903



54.6092, 0.2487, 0.3287

Sweetspot

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



54.6116, 0.3176, 0.2770



89.0687, 0.3142, 0.3128



47.8496, 0.2772, 0.2675



18.8730, 0.3143, 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.



54.6116, 0.3176, 0.2770



63.4061, 0.3188, 0.2651



53.3265, 0.3380, 0.3034



14.6000, 0.3147, 0.3072



12.3562, 0.3360, 0.1625



0.9175, 0.3336, 0.1611

Inverse Universe

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



54.6116, 0.3176, 0.2770



63.4061, 0.3188, 0.2651



70.6719, 0.2930, 0.3561



14.6000, 0.3147, 0.3072



12.3562, 0.3360, 0.1625



0.9175, 0.3336, 0.1611

Previews

White Background



This preview shows how the Yxy color 54.6092, 0.3176, 0.2770 looks on a white background.

Color Contrast Check

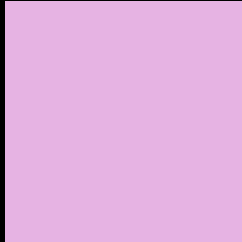
Large Text (above 18pt) WCAG AA × Fail

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 54.6092, 0.3176, 0.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

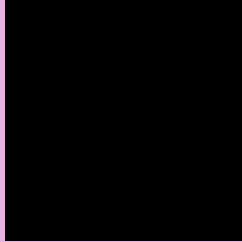
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6092, 0.3176, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 54.6092, 0.3176, 0.2770.



This preview shows how white text looks on a background with the Yxy color 54.6092, 0.3176, 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

54.6092, 0.3176, 0.2770

Protanopia

55.1371, 0.2771, 0.2787

Deuteranopia

54.5425, 0.2951, 0.2883



Tritanopia

54.5269, 0.3372, 0.3132

Trichromacy



Original Color

54.6092, 0.3176, 0.2770



Protanomaly

54.8349, 0.2910, 0.2787



Deuteranomaly

54.4577, 0.3029, 0.2836



Tritanomaly

54.3902, 0.3293, 0.2989

Monochromacy



Original Color

54.6092, 0.3176, 0.2770



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.2013, 0.3145, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6092, 0.3176, 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(230, 179, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 227)  
}
```

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(230, 179, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 227) }
```

Border

The CSS property to change the border of an element to Yxy 54.6092, 0.3176, 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(230, 179, 227) }
```

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

```
.border{ border-color:rgb(230, 179, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 179, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6092, 0.3176, 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(230, 179, 227) }
```

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

```
.background{ background-color: rgb(230,  
179, 227) }
```

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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