

Converting Colors

$Yxy(54.3308, 0.3177, 0.2775)$

Have a look what the booklet for
Yxy(54.3308, 0.3177, 0.2775)
contains.

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Color

Yxy(54.3892, 0.3176, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	E5B3E2
RGB	229, 179, 226
RGB Percent	90%, 70%, 89%
CMY	0.1020, 0.2980, 0.1138
CMYK	0.00, 0.22, 0.01, 0.10
HSL	304°, 49%, 80%
HSV	304°, 22%, 90%
XYZ	62.1591, 54.3892, 79.1667
YIQ	199.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

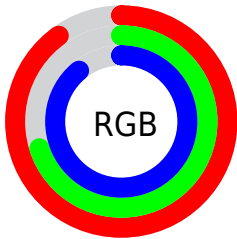
Format	Color
R _Y B	229, 179, 226
Decimal	15053794
CIE Lab	78.69, 25.86, -16.59
CIE LCh	79, 30.725, 327.328
Yxy	54.3892, 0.3176, 0.2779
Android (android.graphics.Color)	4293243874 (0xFFE5B3E2)
YUV	199.3080, 13.1592, 26.0399
Hunter-Lab	73.7490, 21.3872, -12.0212

Details

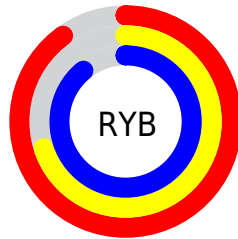
The Yxy color $54.3892, 0.3176, 0.2779$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $69.0008, 0.3080, 0.3860$, and the grayscale version is $57.2240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $26.7462, 0.3179, 0.2654$ is the 20% darker color. If you saturate the color by 10%, you get $45.8861, 0.3201, 0.2543$, and if you desaturate by 10%, it is $64.4219, 0.3152, 0.3016$.

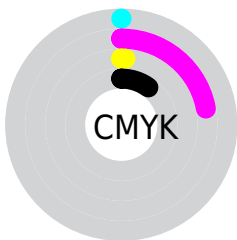
Distribution



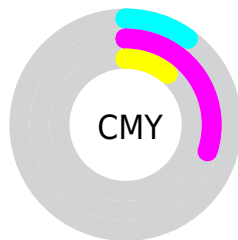
- Red (90%)
- Green (70%)
- Blue (89%)



- 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 54.3892, 0.3176, 0.2779 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 54.3892, 0.3176, 0.2779 by changing the saturation by 10% instead.


 54.3892, 0.3176,
0.2779

 54.3892, 0.3176,
0.2779

403.5924, 0.3157,
0.3017

 38.9129, 0.3180,
0.2724


 96.6455, 0.3170,
0.2862

 26.6920, 0.3184,
0.2656


124.1942, 0.3167,
0.2894

 17.3420, 0.3188,
0.2570


156.5359, 0.3165,
0.2922

 10.4786, 0.3192,
0.2457

194.0550, 0.3163,
0.2946

 5.7175, 0.3195,
0.2303

237.1357, 0.3161,
0.2967

 2.6740, 0.3194,
0.2082

286.1626, 0.3160,

 0.9640, 0.3176,

0.2986

0.1740

341.5201, 0.3158,
0.3002

0.0000, 0.3299,
0.0000

0.0000, 0.0000,
0.0000

54.3892, 0.3176,
0.2779

54.3892, 0.3176,
0.2779

45.8861, 0.3201,
0.2543

64.4219, 0.3152,
0.3016

38.8303, 0.3228,
0.2318


76.0472, 0.3131,
0.3248


33.1426, 0.3255,
0.2112


89.3329, 0.3112,
0.3471


28.7333, 0.3282,
0.1935

93.9758, 0.3100,
0.3529


 25.5021, 0.3308,
0.1796

 94.0542, 0.3093,
0.3515


 23.3337, 0.3331,
0.1699


 94.1332, 0.3085,
0.3500

 22.0897, 0.3353,
0.1646

 94.2128, 0.3077,
0.3486

 21.5756, 0.3368,
0.1629

 94.2931, 0.3069,
0.3472

 94.3739, 0.3062,
0.3458

Harmonies

Analogous

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



54.3892, 0.2781, 0.2643



54.3892, 0.3176, 0.2779



54.3892, 0.3581, 0.3031

Triad

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



54.3892, 0.3176, 0.2779



54.3892, 0.3776, 0.3932



54.3892, 0.2437, 0.3156

Complementary

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



54.3892, 0.3176, 0.2779



69.0008, 0.3080, 0.3860

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.



54.3892, 0.2673, 0.3556



54.3892, 0.3176, 0.2779



54.3892, 0.3443, 0.4025

Square

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



54.3892, 0.3176, 0.2779



54.3892, 0.3938, 0.3676



54.3892, 0.3038, 0.3890



54.3892, 0.2376, 0.2831

Rectangle

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



54.3892, 0.3176, 0.2779



54.3892, 0.3793, 0.3240



54.3892, 0.3038, 0.3890



54.3892, 0.2498, 0.3287

Sweetspot

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



54.3916, 0.3176, 0.2779



89.0663, 0.3142, 0.3129



47.7854, 0.2778, 0.2685



18.8725, 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.



54.3916, 0.3176, 0.2779



64.4920, 0.3187, 0.2676



53.1418, 0.3376, 0.3039



14.5995, 0.3147, 0.3072



12.3425, 0.3366, 0.1628



0.9166, 0.3340, 0.1614

Inverse Universe

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



54.3916, 0.3176, 0.2779



64.4920, 0.3187, 0.2676



70.1035, 0.2933, 0.3556



14.5995, 0.3147, 0.3072



12.3425, 0.3366, 0.1628



0.9166, 0.3340, 0.1614

Previews

White Background



This preview shows how the Yxy color 54.3892, 0.3176, 0.2779 looks on a white background.

Color Contrast Check

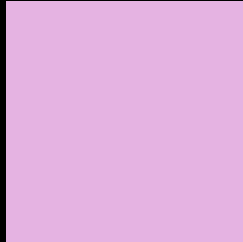
Large Text (above 18pt) WCAG AA × Fail

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 54.3892, 0.3176, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

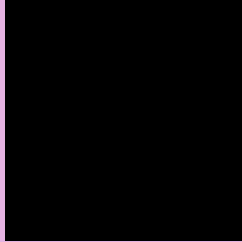
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3892, 0.3176, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 54.3892, 0.3176, 0.2779.



This preview shows how white text looks on a background with the Yxy color 54.3892, 0.3176, 0.2779.

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

54.3892, 0.3176, 0.2779

Protanopia

54.6352, 0.2777, 0.2786

Deuteranopia

54.4881, 0.2958, 0.2894



Tritanopia

54.3657, 0.3363, 0.3132

Trichromacy



Original Color

54.3892, 0.3176, 0.2779

Protanomaly

54.3492, 0.2917, 0.2786

Deuteranomaly

54.4029, 0.3036, 0.2847

Tritanomaly

54.1787, 0.3292, 0.2999

Monochromacy



Original Color

54.3892, 0.3176, 0.2779

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.0044, 0.3144, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3892, 0.3176, 0.2779 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(229, 179, 226)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 226)  
}
```

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(229, 179, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 226) }
```

Border

The CSS property to change the border of an element to Yxy 54.3892, 0.3176, 0.2779 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(229, 179, 226) }
```

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

```
.border{ border-color:rgb(229, 179, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 226);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3892, 0.3176, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 226) }
```

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

```
.background{ background-color: rgb(229,  
179, 226) }
```

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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