

Converting Colors

$Y_{xy}(40.6392, 0.3477, 0.2754)$

Have a look what the booklet for
Yxy(40.6392, 0.3477, 0.2754)
contains.

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Color

Yxy(40.5768, 0.3478, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	E292C1
RGB	226, 146, 193
RGB Percent	89%, 57%, 76%
CMY	0.1135, 0.4275, 0.2431
CMYK	0.00, 0.35, 0.15, 0.11
HSL	325°, 58%, 73%
HSV	325°, 35%, 89%
XYZ	51.2813, 40.5768, 55.5867
YIQ	175.2780, 32.5930, 31.5770

Conversions

Conversions Part 2

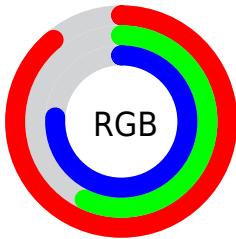
Format	Color
R _Y B	226, 146, 193
Decimal	14848705
CIE Lab	69.88, 36.88, -11.78
CIE LCh	70, 38.716, 342.287
Yxy	40.5768, 0.3478, 0.2752
Android (android.graphics.Color)	4293038785 (0xFFE292C1)
YUV	175.2780, 8.7369, 44.4832
Hunter-Lab	63.6999, 32.2256, -7.1485

Details

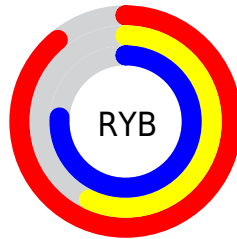
The Yxy color **40.5768, 0.3478, 0.2752** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.7854, 0.2887, 0.3902**, and the grayscale version is **42.9635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8728, 0.3194, 0.2817**, and **18.3045, 0.3577, 0.2616** is the 20% darker color. If you saturate the color by 10%, you get **33.8830, 0.3619, 0.2602**, and if you desaturate by 10%, it is **48.6783, 0.3357, 0.2908**.

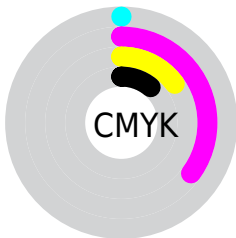
Distribution



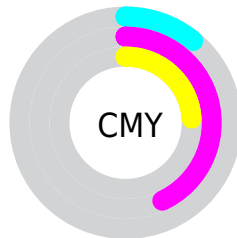
- Red (89%)
- Green (57%)
- Blue (76%)



- Red (89%)
- Yellow (57%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5768, 0.3478, 0.2752 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 40.5768, 0.3478, 0.2752 by changing the saturation by 10% instead.


 40.5768, 0.3478,
0.2752


 40.5768, 0.3478,
0.2752


348.5487, 0.3305,
0.3015

 27.9886, 0.3521,
0.2688


 76.0410, 0.3415,
0.2846

 18.3170, 0.3575,
0.2608


 99.6858, 0.3392,
0.2882

 11.1778, 0.3647,
0.2502


127.7849, 0.3372,
0.2912

 6.1866, 0.3745,
0.2359

160.7227, 0.3355,
0.2939

 2.9589, 0.3889,
0.2154

198.8836, 0.3340,
0.2961

 1.1103, 0.4118,
0.1839

242.6520, 0.3326,

 0.0000, 0.5234,

0.2981

0.0000

292.4122, 0.3315,
0.2999

0.0000, 0.0000,
0.0000

40.5768, 0.3478,
0.2752

40.5768, 0.3478,
0.2752

33.8830, 0.3619,
0.2602

48.6783, 0.3357,
0.2908

28.5092, 0.3778,
0.2466

58.2574, 0.3254,
0.3063

24.3665, 0.3955,
0.2356

69.3857, 0.3168,
0.3212

21.3528, 0.4144,
0.2284

82.1289, 0.3096,
0.3354

19.3491, 0.4338,
0.2260

93.9676, 0.3037,
0.3446

■ 18.2091, 0.4529,
0.2290

■ 94.5353, 0.2985,
0.3350

■ 17.8644, 0.4615,
0.2316

■ 94.9172, 0.2952,
0.3289

Harmonies

Analogous

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



40.5768, 0.2902, 0.2490



40.5768, 0.3478, 0.2752



40.5768, 0.3990, 0.3135

Triad

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



40.5768, 0.3478, 0.2752



40.5768, 0.3800, 0.4278



40.5768, 0.2122, 0.2843

Complementary

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



40.5768, 0.3478, 0.2752



63.7854, 0.2887, 0.3902

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.



40.5768, 0.2317, 0.3368



40.5768, 0.3478, 0.2752



40.5768, 0.3270, 0.4283

Square

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



40.5768, 0.3478, 0.2752



40.5768, 0.4168, 0.3992



40.5768, 0.2728, 0.3933



40.5768, 0.2165, 0.2510

Rectangle

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



40.5768, 0.3478, 0.2752



40.5768, 0.4199, 0.3426



40.5768, 0.2728, 0.3933



40.5768, 0.2161, 0.3001

Sweetspot

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



40.5787, 0.3478, 0.2752



82.6676, 0.3215, 0.3129



35.5105, 0.2743, 0.2299



17.2752, 0.3227, 0.3108



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.



40.5787, 0.3478, 0.2752



46.2588, 0.3587, 0.2633



39.0606, 0.3888, 0.3198



13.8349, 0.3201, 0.3153



10.2105, 0.4586, 0.2300



0.7254, 0.4317, 0.2152

Inverse Universe

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



40.5787, 0.3478, 0.2752



46.2588, 0.3587, 0.2633



65.5942, 0.2671, 0.3388



13.8349, 0.3201, 0.3153



10.2105, 0.4586, 0.2300



0.7254, 0.4317, 0.2152

Previews

White Background



This preview shows how the Yxy color 40.5768, 0.3478, 0.2752 looks on a white background.

Color Contrast Check

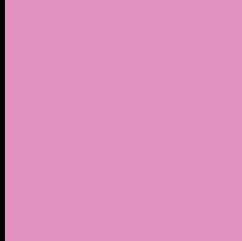
Large Text (above 18pt) WCAG AA × Fail

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 40.5768, 0.3478, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

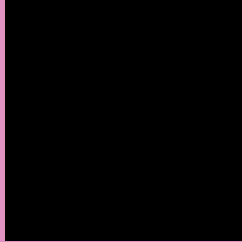
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5768, 0.3478, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 40.5768, 0.3478, 0.2752.



This preview shows how white text looks on a background with the Yxy color 40.5768, 0.3478, 0.2752.

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

40.5768, 0.3478, 0.2752

Protanopia

41.0343, 0.2757, 0.2774

Deuteranopia

40.8953, 0.3051, 0.3000



Tritanopia

40.7888, 0.3741, 0.3161

Trichromacy



Original Color

40.5768, 0.3478, 0.2752



Protanomaly

40.1158, 0.2990, 0.2755



Deuteranomaly

40.2497, 0.3202, 0.2899



Tritanomaly

40.7160, 0.3643, 0.3009

Monochromacy



Original Color

40.5768, 0.3478, 0.2752



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.3977, 0.3250, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5768, 0.3478, 0.2752 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(226, 146, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 146, 193)  
}
```

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(226, 146, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 146, 193) }
```

Border

The CSS property to change the border of an element to Yxy 40.5768, 0.3478, 0.2752 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(226, 146, 193) }
```

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

```
.border{ border-color:rgb(226, 146, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 146, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 146, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 146, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 146,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5768, 0.3478, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 146, 193) }
```

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

```
.background{ background-color: rgb(226,  
146, 193) }
```

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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