

Converting Colors

$Y_{xy}(40.7494, 0.3585, 0.2776)$

Have a look what the booklet for
Yxy(40.7494, 0.3585, 0.2776)
contains.

Yxy(40.6427, 0.3592, 0.2775)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.6427, 0.3592, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	E98FBD
RGB	233, 143, 189
RGB Percent	91%, 56%, 74%
CMY	0.0863, 0.4392, 0.2589
CMYK	0.00, 0.39, 0.19, 0.09
HSL	329°, 67%, 74%
HSV	329°, 39%, 91%
XYZ	52.6085, 40.6427, 53.2090
YIQ	175.1540, 38.8740, 33.3860

Conversions

Conversions Part 2

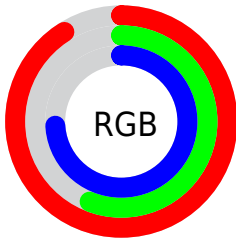
Format	Color
R _Y B	233, 143, 189
Decimal	15306685
CIE Lab	69.92, 40.16, -9.39
CIE LCh	70, 41.244, 346.845
Yxy	40.6427, 0.3592, 0.2775
Android (android.graphics.Color)	4293496765 (0xFFE98FBD)
YUV	175.1540, 6.8261, 50.7309
Hunter-Lab	63.7516, 35.7347, -4.8590

Details

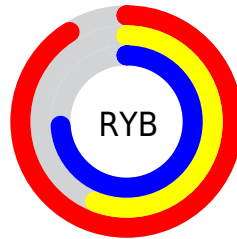
The Yxy color $40.6427, 0.3592, 0.2775$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $67.7018, 0.2831, 0.3877$, and the grayscale version is $42.9038, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.2407, 0.3225, 0.2824$, and $18.4899, 0.3724, 0.2639$ is the 20% darker color. If you saturate the color by 10%, you get $33.8845, 0.3770, 0.2646$, and if you desaturate by 10%, it is $48.8963, 0.3440, 0.2912$.

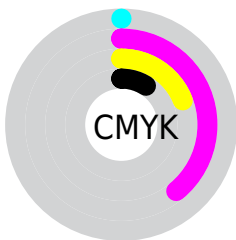
Distribution



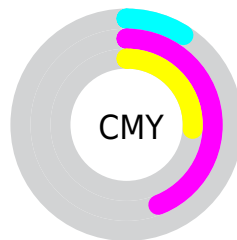
- Red (91%)
- Green (56%)
- Blue (74%)



- Red (91%)
- Yellow (56%)
- Blue (74%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (9%)




- Cyan (9%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6427, 0.3592, 0.2775 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 40.6427, 0.3592, 0.2775 by changing the saturation by 10% instead.


 40.6427, 0.3592,
0.2775


 40.6427, 0.3592,
0.2775


348.8251, 0.3360,
0.3028

 28.0400, 0.3650,
0.2713


 76.1412, 0.3508,
0.2866

 18.3558, 0.3724,
0.2635


 99.8058, 0.3476,
0.2900

 11.2057, 0.3823,
0.2533


127.9265, 0.3449,
0.2929

 6.2054, 0.3959,
0.2393

160.8877, 0.3426,
0.2955

 2.9704, 0.4162,
0.2192

199.0737, 0.3406,
0.2976

 1.1163, 0.4491,
0.1881

242.8690, 0.3389,


 0.0000, 0.6021,


0.2996


0.0000

292.6580, 0.3373,
0.3013

 0.0000, 0.0000,
0.0000


 40.6427, 0.3592,
0.2775


 40.6427, 0.3592,
0.2775


 33.8845, 0.3770,
0.2646


 48.8963, 0.3440,
0.2912


 28.5243, 0.3973,
0.2534

 58.7231, 0.3311,
0.3049

 24.4625, 0.4198,
0.2451

 70.2025, 0.3205,
0.3181

 21.5833, 0.4437,
0.2411

 83.4068, 0.3116,
0.3307

 19.7504, 0.4679,
0.2422

 95.4933, 0.3043,
0.3380

■ 18.7632, 0.4912,
0.2486

■ 96.0620, 0.2993,
0.3290

■ 18.6551, 0.4944,
0.2497

Harmonies

Analogous

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



40.6427, 0.2975, 0.2476



40.6427, 0.3592, 0.2775



40.6427, 0.4110, 0.3191

Triad

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



40.6427, 0.3592, 0.2775



40.6427, 0.3760, 0.4365



40.6427, 0.2056, 0.2743

Complementary

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



40.6427, 0.3592, 0.2775



67.7018, 0.2831, 0.3877

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.



40.6427, 0.2221, 0.3277



40.6427, 0.3592, 0.2775



40.6427, 0.3184, 0.4320

Square

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



40.6427, 0.3592, 0.2775



40.6427, 0.4188, 0.4088



40.6427, 0.2623, 0.3894



40.6427, 0.2138, 0.2429

Rectangle

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



40.6427, 0.3592, 0.2775



40.6427, 0.4297, 0.3500



40.6427, 0.2623, 0.3894



40.6427, 0.2083, 0.2900

Sweetspot

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



40.6446, 0.3592, 0.2775



81.0800, 0.3239, 0.3136



36.0337, 0.2761, 0.2216



16.9534, 0.3253, 0.3119



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.



40.6446, 0.3592, 0.2775



43.4114, 0.3725, 0.2676



39.0003, 0.4073, 0.3276



15.1825, 0.3213, 0.3170



10.6115, 0.4910, 0.2478



0.8527, 0.4610, 0.2313

Inverse Universe

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



40.6446, 0.3592, 0.2775



43.4114, 0.3725, 0.2676



69.9106, 0.2599, 0.3307



15.1825, 0.3213, 0.3170



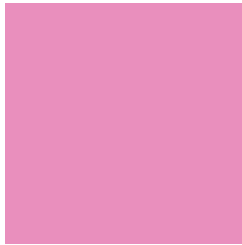
10.6115, 0.4910, 0.2478



0.8527, 0.4610, 0.2313

Previews

White Background



This preview shows how the Yxy color 40.6427, 0.3592, 0.2775 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 40.6427, 0.3592, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

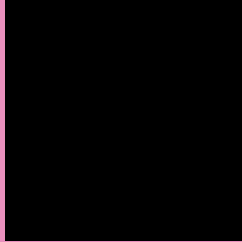
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6427, 0.3592, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 40.6427, 0.3592, 0.2775.



This preview shows how white text looks on a background with the Yxy color 40.6427, 0.3592, 0.2775.

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

40.6427, 0.3592, 0.2775

Protanopia

40.9922, 0.2786, 0.2812

Deuteranopia

40.7203, 0.3112, 0.3040



Tritanopia

40.5409, 0.3855, 0.3153

Trichromacy



Original Color

40.6427, 0.3592, 0.2775

Protanomaly

40.0031, 0.3041, 0.2782

Deuteranomaly

40.4164, 0.3286, 0.2940

Tritanomaly

40.4870, 0.3754, 0.3005

Monochromacy



Original Color

40.6427, 0.3592, 0.2775

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.2254, 0.3288, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6427, 0.3592, 0.2775 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(233, 143, 189)` looks like.

```
.text, #text, p{  
    color:rgb(233, 143, 189)  
}
```

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(233, 143, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 143, 189) }
```

Border

The CSS property to change the border of an element to Yxy 40.6427, 0.3592, 0.2775 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(233, 143, 189) }
```

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

```
.border{ border-color:rgb(233, 143, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 143, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 143, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 143, 189);  
box-shadow:4px 4px 4px 4px rgb(233, 143,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6427, 0.3592, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 143, 189) }
```

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

```
.background{ background-color: rgb(233,  
143, 189) }
```

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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