

Converting Colors

$Y_{xy}(40.4910, 0.3661, 0.2756)$

Have a look what the booklet for
Yxy(40.4910, 0.3661, 0.2756)
contains.

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Color

Yxy(40.5642, 0.3658, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	EE8CBC
RGB	238, 140, 188
RGB Percent	93%, 55%, 74%
CMY	0.0665, 0.4510, 0.2627
CMYK	0.00, 0.41, 0.21, 0.07
HSL	331°, 74%, 74%
HSV	331°, 41%, 93%
XYZ	53.7233, 40.5642, 52.5778
YIQ	174.7740, 43.0000, 35.7040

Conversions

Conversions Part 2

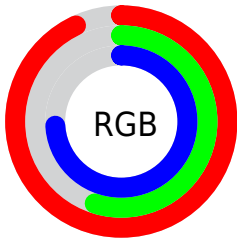
Format	Color
R _Y B	238, 140, 188
Decimal	15633596
CIE Lab	69.87, 43.28, -8.86
CIE LCh	70, 44.177, 348.435
Yxy	40.5642, 0.3658, 0.2762
Android (android.graphics.Color)	4293823676 (0xFFEE8CBC)
YUV	174.7740, 6.5204, 55.4492
Hunter-Lab	63.6900, 39.1094, -4.3624

Details

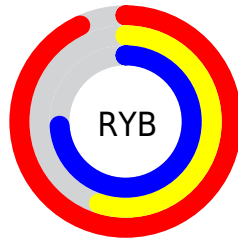
The Yxy color **40.5642, 0.3658, 0.2762** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.4603, 0.2804, 0.3897**, and the grayscale version is **42.6965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8219, 0.3234, 0.2804**, and **18.2690, 0.3805, 0.2613** is the 20% darker color. If you saturate the color by 10%, you get **33.8449, 0.3852, 0.2641**, and if you desaturate by 10%, it is **48.8358, 0.3492, 0.2892**.

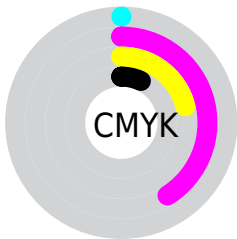
Distribution



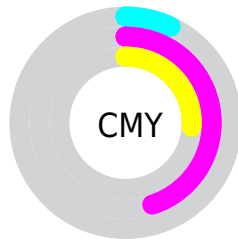
- Red (93%)
- Green (55%)
- Blue (74%)



- Red (93%)
- Yellow (55%)
- Blue (74%)



- Cyan (0%)
- Magenta (41%)
- Yellow (21%)
- Black (7%)




- Cyan (7%)
- Magenta (45%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5642, 0.3658, 0.2762 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 40.5642, 0.3658, 0.2762 by changing the saturation by 10% instead.


 40.5642, 0.3658,
0.2762


 40.5642, 0.3658,
0.2762


348.4959, 0.3392,
0.3021

 27.9787, 0.3724,
0.2699


 76.0219, 0.3561,
0.2855

 18.3096, 0.3810,
0.2619


 99.6629, 0.3525,
0.2890

 11.1725, 0.3923,
0.2514


 127.7579, 0.3494,
0.2920

 6.1830, 0.4080,
0.2371

160.6912, 0.3468,
0.2946

 2.9567, 0.4314,
0.2165

198.8472, 0.3445,
0.2969

 1.1092, 0.4693,
0.1846

242.6105, 0.3425,

 0.0000, 0.6371,

0.2988

0.0000

292.3652, 0.3408,
0.3006

0.0000, 0.0000,
0.0000

40.5642, 0.3658,
0.2762

40.5642, 0.3658,
0.2762

33.8449, 0.3852,
0.2641

48.8358, 0.3492,
0.2892

28.5731, 0.4073,
0.2541

58.7441, 0.3351,
0.3025

24.6400, 0.4315,
0.2473


70.3743, 0.3234,
0.3153


21.9188, 0.4570,
0.2450

83.8041, 0.3137,
0.3276

20.2575, 0.4824,
0.2481

96.5255, 0.3059,
0.3352

 19.4571, 0.5037,
0.2549

 96.9227, 0.3024,
0.3290

Harmonies

Analogous

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



40.5642, 0.2996, 0.2439



40.5642, 0.3658, 0.2762



40.5642, 0.4203, 0.3205

Triad

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



40.5642, 0.3658, 0.2762



40.5642, 0.3767, 0.4448



40.5642, 0.1987, 0.2677

Complementary

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



40.5642, 0.3658, 0.2762



70.4603, 0.2804, 0.3897

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.



40.5642, 0.2145, 0.3236



40.5642, 0.3658, 0.2762



40.5642, 0.3149, 0.4387

Square

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



40.5642, 0.3658, 0.2762



40.5642, 0.4240, 0.4156



40.5642, 0.2557, 0.3907



40.5642, 0.2088, 0.2362

Rectangle

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



40.5642, 0.3658, 0.2762



40.5642, 0.4390, 0.3532



40.5642, 0.2557, 0.3907



40.5642, 0.2010, 0.2839

Sweetspot

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



40.5661, 0.3658, 0.2762



81.0415, 0.3243, 0.3143



35.7473, 0.2743, 0.2141



16.9443, 0.3258, 0.3126



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.



40.5661, 0.3658, 0.2762



41.0110, 0.3811, 0.2664



38.8281, 0.4188, 0.3293



15.8879, 0.3216, 0.3175



10.8778, 0.5002, 0.2529



0.9250, 0.4703, 0.2364

Inverse Universe

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



40.5661, 0.3658, 0.2762



41.0110, 0.3811, 0.2664



72.9169, 0.2563, 0.3288



15.8879, 0.3216, 0.3175



10.8778, 0.5002, 0.2529



0.9250, 0.4703, 0.2364

Previews

White Background



This preview shows how the Yxy color 40.5642, 0.3658, 0.2762 looks on a white background.

Color Contrast Check

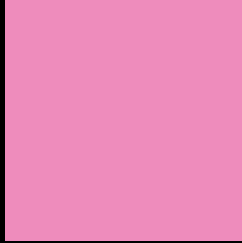
Large Text (above 18pt) WCAG AA × Fail

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 40.5642, 0.3658, 0.2762 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 40.5642, 0.3658, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 40.5642, 0.3658, 0.2762.



This preview shows how white text looks on a background with the Yxy color 40.5642, 0.3658, 0.2762.

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

40.5642, 0.3658, 0.2762

Protanopia

41.0410, 0.2779, 0.2800

Deuteranopia

40.6364, 0.3129, 0.3065



Tritanopia

40.6543, 0.3944, 0.3167

Trichromacy



Original Color

40.5642, 0.3658, 0.2762



Protanomaly

39.9136, 0.3060, 0.2772



Deuteranomaly

40.1733, 0.3306, 0.2941



Tritanomaly

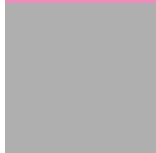
40.6065, 0.3842, 0.3021

Monochromacy



Original Color

40.5642, 0.3658, 0.2762



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.1417, 0.3308, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5642, 0.3658, 0.2762 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(238, 140, 188)` looks like.

```
.text, #text, p{  
    color:rgb(238, 140, 188)  
}
```

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(238, 140, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 140, 188) }
```

Border

The CSS property to change the border of an element to Yxy 40.5642, 0.3658, 0.2762 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(238, 140, 188) }
```

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

```
.border{ border-color:rgb(238, 140, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 140, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 140, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 140, 188);  
box-shadow:4px 4px 4px 4px rgb(238, 140,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5642, 0.3658, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 140, 188) }
```

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

```
.background{ background-color: rgb(238,  
140, 188) }
```

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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