

Converting Colors

$Y_{xy}(45.4948, 0.3549, 0.2915)$

Have a look what the booklet for
Yxy(45.4948, 0.3549, 0.2915)
contains.

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Color

Yxy(45.7077, 0.3551, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	EA9EBF
RGB	234, 158, 191
RGB Percent	92%, 62%, 75%
CMY	0.0823, 0.3804, 0.2508
CMYK	0.00, 0.32, 0.18, 0.08
HSL	334°, 64%, 77%
HSV	334°, 32%, 92%
XYZ	55.5659, 45.7077, 55.2060
YIQ	184.4860, 34.7030, 26.3750

Conversions

Conversions Part 2

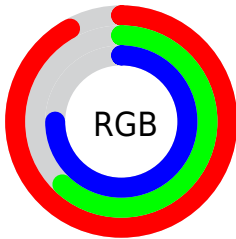
Format	Color
R_{YB}	234, 158, 191
Decimal	15376063
CIE _{Lab}	73.36, 32.93, -5.42
CIE _{LCh}	73, 33.371, 350.655
Yxy	45.7077, 0.3551, 0.2921
Android (android.graphics.Color)	4293566143 (0xFFEA9EBF)
YUV	184.4860, 3.2114, 43.4238
Hunter-Lab	67.6075, 28.3943, -1.0890

Details

The Yxy color **45.7077, 0.3551, 0.2921** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.3306, 0.2840, 0.3695**, and the grayscale version is **48.1851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5639, 0.3201, 0.2956**, and **21.2852, 0.3666, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **37.9160, 0.3741, 0.2806**, and if you desaturate by 10%, it is **55.0760, 0.3392, 0.3039**.

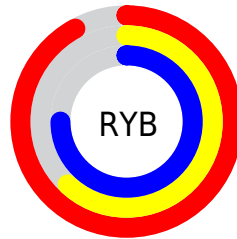
Distribution



Red (92%)

Green (62%)

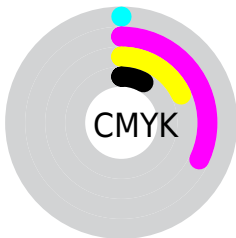
Blue (75%)



Red (92%)

Yellow (62%)

Blue (75%)

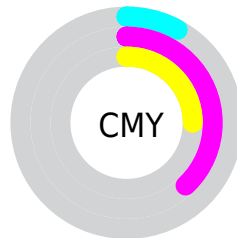


Cyan (0%)

Magenta (32%)

Yellow (18%)

Black (8%)



Cyan (8%)


Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7077, 0.3551, 0.2921 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 45.7077, 0.3551, 0.2921 by changing the saturation by 10% instead.


 45.7077, 0.3551,
0.2921


 45.7077, 0.3551,
0.2921


369.6323, 0.3341,
0.3102

 32.0152, 0.3603,
0.2877


 83.7814, 0.3475,
0.2986

 21.3731, 0.3669,
0.2822


 108.9314, 0.3446,
0.3010

 13.3970, 0.3757,
0.2749

138.6693, 0.3422,
0.3031

 7.7025, 0.3878,
0.2650

173.3796, 0.3401,
0.3049

 3.9052, 0.4057,
0.2507

213.4467, 0.3383,
0.3065

 1.6207, 0.4344,
0.2283

259.2549, 0.3367,

 0.3715, 0.5092,

0.3078

0.1579

311.1886, 0.3353,
0.3091

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.7077, 0.3551,
0.2921

45.7077, 0.3551,
0.2921

37.9160, 0.3741,
0.2806

55.0760, 0.3392,
0.3039

31.6067, 0.3963,
0.2700

66.0955, 0.3260,
0.3154

26.6852, 0.4217,
0.2616

78.8438, 0.3151,
0.3264

23.0434, 0.4495,
0.2565

93.3916, 0.3062,
0.3366

■ 20.5566, 0.4785,
0.2560

■ 96.2326, 0.2999,
0.3290

■ 19.0749, 0.5069,
0.2610

■ 18.4464, 0.5270,
0.2677

Harmonies

Analogous

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



45.7077, 0.3074, 0.2662



45.7077, 0.3551, 0.2921



45.7077, 0.3926, 0.3269

Triad

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



45.7077, 0.3551, 0.2921



45.7077, 0.3582, 0.4136



45.7077, 0.2270, 0.2829

Complementary

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



45.7077, 0.3551, 0.2921



70.3306, 0.2840, 0.3695

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.



45.7077, 0.2383, 0.3230



45.7077, 0.3551, 0.2921



45.7077, 0.3124, 0.4047

Square

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



45.7077, 0.3551, 0.2921



45.7077, 0.3932, 0.3968



45.7077, 0.2688, 0.3697



45.7077, 0.2361, 0.2592

Rectangle

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



45.7077, 0.3551, 0.2921



45.7077, 0.4051, 0.3521



45.7077, 0.2688, 0.3697



45.7077, 0.2284, 0.2947

Sweetspot

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



45.7098, 0.3551, 0.2921



83.9018, 0.3231, 0.3182



42.6464, 0.2874, 0.2411



17.5114, 0.3248, 0.3166



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.



45.7098, 0.3551, 0.2921



48.9996, 0.3675, 0.2843



45.7317, 0.3865, 0.3336



15.1628, 0.3225, 0.3188



10.3900, 0.5231, 0.2656



0.8349, 0.4883, 0.2464

Inverse Universe

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



45.7098, 0.3551, 0.2921



48.9996, 0.3675, 0.2843



69.9153, 0.2659, 0.3244



15.1628, 0.3225, 0.3188



10.3900, 0.5231, 0.2656



0.8349, 0.4883, 0.2464

Previews

White Background



This preview shows how the Yxy color 45.7077, 0.3551, 0.2921 looks on a white background.

Color Contrast Check

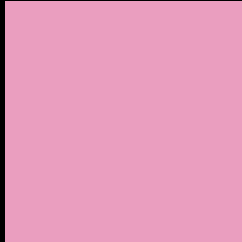
Large Text (above 18pt) WCAG AA × Fail

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 45.7077, 0.3551, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

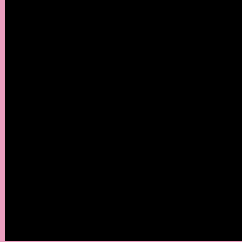
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7077, 0.3551, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 45.7077, 0.3551, 0.2921.



This preview shows how white text looks on a background with the Yxy color 45.7077, 0.3551, 0.2921.

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

45.7077, 0.3551, 0.2921

Protanopia

45.9469, 0.2918, 0.2970

Deuteranopia

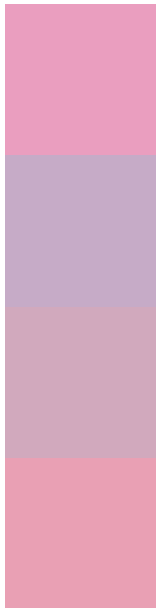
45.8929, 0.3196, 0.3127



Tritanopia

45.6627, 0.3700, 0.3154

Trichromacy



Original Color

45.7077, 0.3551, 0.2921

Protanomaly

45.2551, 0.3135, 0.2945

Deuteranomaly

45.6054, 0.3320, 0.3048

Tritanomaly

45.7605, 0.3644, 0.3065

Monochromacy



Original Color

45.7077, 0.3551, 0.2921

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.8044, 0.3267, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7077, 0.3551, 0.2921 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(234, 158, 191)` looks like.

```
.text, #text, p{  
    color:rgb(234, 158, 191)  
}
```

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(234, 158, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 158, 191) }
```

Border

The CSS property to change the border of an element to Yxy 45.7077, 0.3551, 0.2921 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(234, 158, 191) }
```

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

```
.border{ border-color:rgb(234, 158, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 158, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 158, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 158, 191);  
box-shadow:4px 4px 4px 4px rgb(234, 158,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7077, 0.3551, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 158, 191) }
```

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

```
.background{ background-color: rgb(234,  
158, 191) }
```

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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