

Converting Colors

$Y_{xy}(42.4017, 0.3859, 0.3210)$

Have a look what the booklet for
Yxy(42.4017, 0.3859, 0.3210)
contains.

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Color

Yxy(42.4763, 0.3857, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	E899A0
RGB	232, 153, 160
RGB Percent	91%, 60%, 63%
CMY	0.0903, 0.3999, 0.3726
CMYK	0.00, 0.34, 0.31, 0.09
HSL	355°, 63%, 75%
HSV	355°, 34%, 91%
XYZ	51.0059, 42.4763, 38.7603
YIQ	177.4190, 44.8370, 18.9250

Conversions

Conversions Part 2

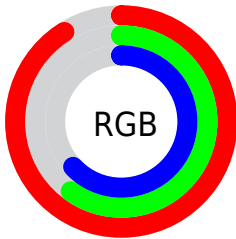
Format	Color
R _Y B	232, 153, 160
Decimal	15243680
CIE Lab	71.20, 30.46, 8.60
CIE LCh	71, 31.652, 15.760
Yxy	42.4763, 0.3857, 0.3212
Android (android.graphics.Color)	4293433760 (0xFFE899A0)
YUV	177.4190, -8.5876, 47.8675
Hunter-Lab	65.1738, 25.6423, 10.3607

Details

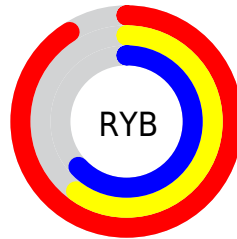
The Yxy color **42.4763, 0.3857, 0.3212** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.9061, 0.2681, 0.3372**, and the grayscale version is **44.2274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2780, 0.3436, 0.3220**, and **19.4102, 0.4065, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **34.9290, 0.4190, 0.3190**, and if you desaturate by 10%, it is **51.6296, 0.3584, 0.3236**.

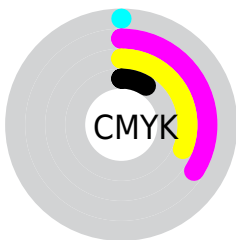
Distribution



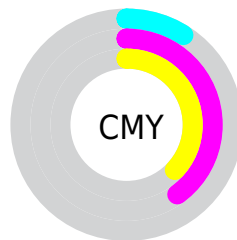
- Red (91%)
- Green (60%)
- Blue (63%)



- Red (91%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (34%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4763, 0.3857, 0.3212 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 42.4763, 0.3857, 0.3212 by changing the saturation by 10% instead.


 42.4763, 0.3857,
0.3212


 42.4763, 0.3857,
0.3212


356.4536, 0.3483,
0.3259

 29.4744, 0.3953,
0.3198


 78.9200, 0.3719,
0.3231

 19.4400, 0.4077,
0.3178


 103.1306, 0.3668,
0.3238

 11.9886, 0.4244,
0.3148


131.8462, 0.3625,
0.3243

 6.7359, 0.4481,
0.3102

165.4513, 0.3588,
0.3247

 3.2975, 0.4841,
0.3022

204.3301, 0.3557,
0.3251

 1.2890, 0.5459,
0.2872

248.8672, 0.3529,

 0.1326, 0.8677,

0.3254

0.1323

299.4469, 0.3505,
0.3257

0.0000, 0.0000,
0.0000

42.4763, 0.3857,
0.3212

42.4763, 0.3857,
0.3212

34.9290, 0.4190,
0.3190

51.6296, 0.3584,
0.3236

28.8894, 0.4584,
0.3173

62.4677, 0.3364,
0.3259

24.2578, 0.5028,
0.3165

75.0715, 0.3188,
0.3281

20.9202, 0.5485,
0.3172

89.5148, 0.3046,
0.3302

18.7445, 0.5899,
0.3196

95.8903, 0.2987,
0.3290

■ 17.5704, 0.6203,
0.3234

■ 17.2024, 0.6320,
0.3255

Harmonies

Analogous

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



42.4763, 0.3466, 0.2882



42.4763, 0.3857, 0.3212



42.4763, 0.4036, 0.3578

Triad

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



42.4763, 0.3857, 0.3212



42.4763, 0.3200, 0.4057



42.4763, 0.2353, 0.2636

Complementary

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



42.4763, 0.3857, 0.3212



69.9061, 0.2681, 0.3372

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.



42.4763, 0.2296, 0.2897



42.4763, 0.3857, 0.3212



42.4763, 0.2763, 0.3753

Square

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



42.4763, 0.3857, 0.3212



42.4763, 0.3636, 0.4100



42.4763, 0.2439, 0.3307



42.4763, 0.2601, 0.2557

Rectangle

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



42.4763, 0.3857, 0.3212



42.4763, 0.4007, 0.3807



42.4763, 0.2439, 0.3307



42.4763, 0.2312, 0.2703

Sweetspot

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



42.4783, 0.3857, 0.3212



83.3876, 0.3289, 0.3268



44.4738, 0.3098, 0.2429



17.3877, 0.3315, 0.3265



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.



42.4783, 0.3857, 0.3212



45.7430, 0.4090, 0.3196



53.9825, 0.3806, 0.3651



14.3885, 0.3279, 0.3270



9.5609, 0.6299, 0.3244



0.7137, 0.6050, 0.3107

Inverse Universe

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



42.4783, 0.3857, 0.3212



45.7430, 0.4090, 0.3196



54.0885, 0.2594, 0.2896



14.3885, 0.3279, 0.3270



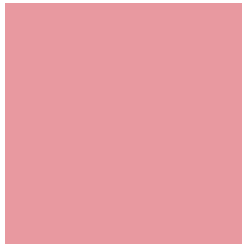
9.5609, 0.6299, 0.3244



0.7137, 0.6050, 0.3107

Previews

White Background



This preview shows how the Yxy color 42.4763, 0.3857, 0.3212 looks on a white background.

Color Contrast Check

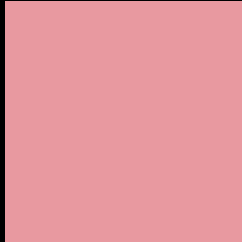
Large Text (above 18pt) WCAG AA × Fail

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 42.4763, 0.3857, 0.3212 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 42.4763, 0.3857, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 42.4763, 0.3857, 0.3212.



This preview shows how white text looks on a background with the Yxy color 42.4763, 0.3857, 0.3212.

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

42.4763, 0.3857, 0.3212

Protanopia

42.7961, 0.3197, 0.3331

Deuteranopia

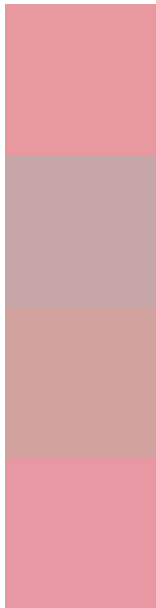
42.4454, 0.3509, 0.3433



Tritanopia

42.2926, 0.3819, 0.3154

Trichromacy



Original Color

42.4763, 0.3857, 0.3212

Protanomaly

42.0682, 0.3421, 0.3278

Deuteranomaly

42.3646, 0.3629, 0.3354

Tritanomaly

42.2566, 0.3829, 0.3166

Monochromacy



Original Color

42.4763, 0.3857, 0.3212

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8159, 0.3371, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4763, 0.3857, 0.3212 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(232, 153, 160)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 160)  
}
```

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(232, 153, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 160) }
```

Border

The CSS property to change the border of an element to Yxy 42.4763, 0.3857, 0.3212 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(232, 153, 160) }
```

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

```
.border{ border-color:rgb(232, 153, 160) }
```

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

Here you see how a box with a 4 pixel rgb(232, 153, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 153, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 153, 160);  
box-shadow:4px 4px 4px 4px rgb(232, 153,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4763, 0.3857, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 160) }
```

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

```
.background{ background-color: rgb(232,  
153, 160) }
```

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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