

Converting Colors

$Yxy(45.6927, 0.3892, 0.3312)$

Have a look what the booklet for
Yxy(45.6927, 0.3892, 0.3312)
contains.

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Color

Yxy(45.6493, 0.3890, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	EDA09F
RGB	237, 160, 159
RGB Percent	93%, 63%, 62%
CMY	0.0707, 0.3725, 0.3766
CMYK	0.00, 0.32, 0.33, 0.07
HSL	1°, 68%, 78%
HSV	1°, 33%, 93%
XYZ	53.7457, 45.6493, 38.7687
YIQ	182.9090, 46.2130, 16.0130

Conversions

Conversions Part 2

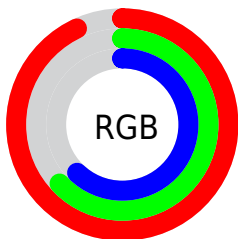
Format	Color
R _Y B	237, 160, 159
Decimal	15573151
CIE Lab	73.32, 28.48, 12.24
CIE LCh	73, 30.995, 23.261
Yxy	45.6493, 0.3890, 0.3304
Android (android.graphics.Color)	4293763231 (0xFFEDA09F)
YUV	182.9090, -11.7871, 47.4378
Hunter-Lab	67.5643, 23.7549, 13.2741

Details

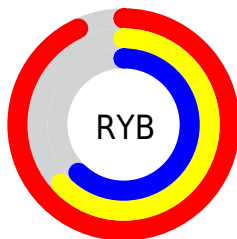
The Yxy color **45.6493, 0.3890, 0.3304** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.4323, 0.2657, 0.3276**, and the grayscale version is **47.3487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7159, 0.3432, 0.3301**, and **21.3915, 0.4104, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **37.5467, 0.4248, 0.3309**, and if you desaturate by 10%, it is **55.4383, 0.3598, 0.3299**.

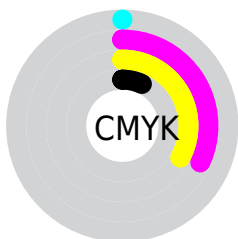
Distribution



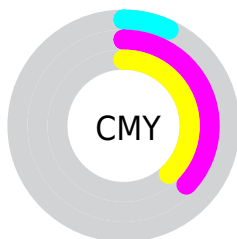
- Red (93%)
- Green (63%)
- Blue (62%)



- Red (93%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (32%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6493, 0.3890, 0.3304 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 45.6493, 0.3890, 0.3304 by changing the saturation by 10% instead.

 45.6493, 0.3890,
0.3304

 45.6493, 0.3890,
0.3304


369.3969, 0.3503,
0.3307

 31.9692, 0.3988,
0.3300


 83.6939, 0.3749,
0.3307

 21.3379, 0.4113,
0.3293


 108.8272, 0.3696,
0.3308

 13.3713, 0.4281,
0.3281


138.5469, 0.3651,
0.3308

 7.6847, 0.4516,
0.3258

173.2376, 0.3613,
0.3308

 3.8939, 0.4864,
0.3212

213.2835, 0.3580,
0.3308

 1.6144, 0.5443,
0.3112

259.0691, 0.3551,

 0.3673, 0.7428,

0.3308

0.2572

310.9788, 0.3526,
0.3307

0.0000, 0.0000,
0.0000

45.6493, 0.3890,
0.3304

45.6493, 0.3890,
0.3304

37.5467, 0.4248,
0.3309

55.4383, 0.3598,
0.3299

31.0291, 0.4671,
0.3313

66.9945, 0.3362,
0.3295

25.9949, 0.5142,
0.3315

80.4011, 0.3174,
0.3291

22.3275, 0.5616,
0.3315

95.7345, 0.3024,
0.3288

19.8931, 0.6024,
0.3313

96.7400, 0.3017,
0.3290

■ 18.5310, 0.6293,
0.3307

■ 18.0688, 0.6394,
0.3305

Harmonies

Analogous

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



45.6493, 0.3558, 0.2972



45.6493, 0.3890, 0.3304



45.6493, 0.3999, 0.3654

Triad

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



45.6493, 0.3890, 0.3304



45.6493, 0.3089, 0.3970



45.6493, 0.2428, 0.2628

Complementary

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



45.6493, 0.3890, 0.3304



73.4323, 0.2657, 0.3276

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.



45.6493, 0.2325, 0.2837



45.6493, 0.3890, 0.3304



45.6493, 0.2688, 0.3631

Square

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



45.6493, 0.3890, 0.3304



45.6493, 0.3518, 0.4078



45.6493, 0.2416, 0.3201



45.6493, 0.2708, 0.2594

Rectangle

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



45.6493, 0.3890, 0.3304



45.6493, 0.3930, 0.3860



45.6493, 0.2416, 0.3201



45.6493, 0.2373, 0.2678

Sweetspot

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



45.6515, 0.3890, 0.3304



83.4504, 0.3304, 0.3294



48.9016, 0.3165, 0.2473



17.4027, 0.3332, 0.3294



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.



45.6515, 0.3890, 0.3304



47.7187, 0.4105, 0.3307



60.8796, 0.3752, 0.3722



15.0863, 0.3293, 0.3294



9.8824, 0.6391, 0.3308



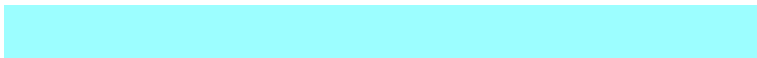
0.7874, 0.6363, 0.3329

Inverse Universe

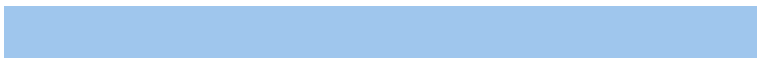
The Inverse Universe completely reimagines the original color for something new.



73.4323, 0.2657, 0.3276



84.9170, 0.2583, 0.3274



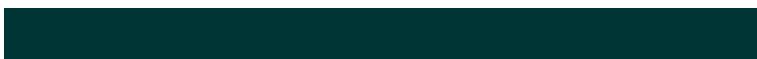
53.8587, 0.2599, 0.2813



17.0853, 0.2981, 0.3286



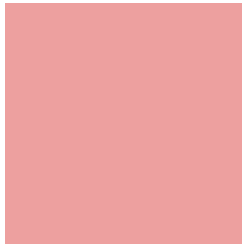
35.4293, 0.2235, 0.3247



2.7932, 0.2237, 0.3253

Previews

White Background



This preview shows how the Yxy color 45.6493, 0.3890, 0.3304 looks on a white background.

Color Contrast Check

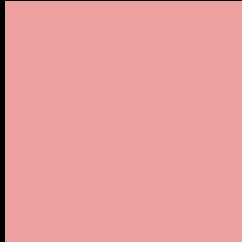
Large Text (above 18pt) WCAG AA × Fail

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 45.6493, 0.3890, 0.3304 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 45.6493, 0.3890, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 45.6493, 0.3890, 0.3304.



This preview shows how white text looks on a background with the Yxy color 45.6493, 0.3890, 0.3304.

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

45.6493, 0.3890, 0.3304

Protanopia

45.9462, 0.3269, 0.3435

Deuteranopia

45.7942, 0.3578, 0.3517



Tritanopia

45.5331, 0.3796, 0.3157

Trichromacy



Original Color

45.6493, 0.3890, 0.3304

Protanomaly

45.5829, 0.3490, 0.3391

Deuteranomaly

45.5620, 0.3688, 0.3437

Tritanomaly

45.7266, 0.3833, 0.3213

Monochromacy



Original Color

45.6493, 0.3890, 0.3304

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4124, 0.3388, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6493, 0.3890, 0.3304 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(237, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(237, 160, 159)  
}
```

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(237, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 160, 159) }
```

Border

The CSS property to change the border of an element to Yxy 45.6493, 0.3890, 0.3304 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(237, 160, 159) }
```

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

```
.border{ border-color:rgb(237, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(237, 160,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6493, 0.3890, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 160, 159) }
```

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

```
.background{ background-color: rgb(237,  
160, 159) }
```

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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