

Converting Colors

$Yxy(45.5748, 0.3819, 0.3273)$

Have a look what the booklet for
Yxy(45.5748, 0.3819, 0.3273)
contains.

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Color

Yxy(45.6265, 0.3818, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	EAA1A3
RGB	234, 161, 163
RGB Percent	92%, 63%, 64%
CMY	0.0823, 0.3686, 0.3607
CMYK	0.00, 0.31, 0.30, 0.08
HSL	358°, 63%, 77%
HSV	358°, 31%, 92%
XYZ	53.2891, 45.6265, 40.6577
YIQ	183.0550, 42.8660, 16.0980

Conversions

Conversions Part 2

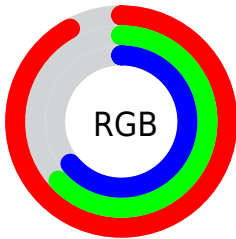
Format	Color
RYB	234, 161, 163
Decimal	15376803
CIELab	73.30, 27.37, 9.95
CIELCh	73, 29.118, 19.980
Yxy	45.6265, 0.3818, 0.3269
Android (android.graphics.Color)	4293566883 (0xFFEAA1A3)
YUV	183.0550, -9.8871, 44.6788
Hunter-Lab	67.5474, 22.6132, 11.5957

Details

The Yxy color **45.6265, 0.3818, 0.3269** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.2491, 0.2691, 0.3312**, and the grayscale version is **47.4251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4337, 0.3401, 0.3271**, and **21.4321, 0.4030, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **37.4573, 0.4156, 0.3263**, and if you desaturate by 10%, it is **55.4771, 0.3543, 0.3276**.

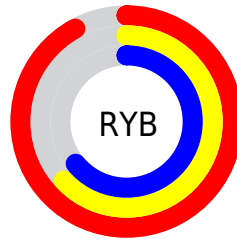
Distribution



Red (92%)

Green (63%)

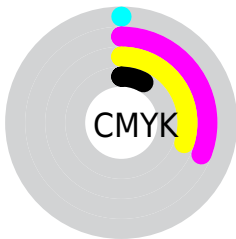
Blue (64%)



Red (92%)

Yellow (63%)

Blue (64%)

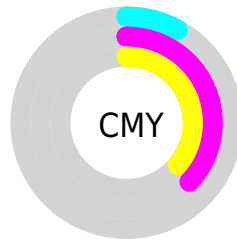


Cyan (0%)

Magenta (31%)

Yellow (30%)

Black (8%)



Cyan (8%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6265, 0.3818, 0.3269 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 45.6265, 0.3818, 0.3269 by changing the saturation by 10% instead.

 45.6265, 0.3818,
0.3269


 45.6265, 0.3818,
0.3269


369.3050, 0.3468,
0.3287

 31.9512, 0.3906,
0.3262

 83.6597, 0.3690,
0.3277

 21.3242, 0.4020,
0.3252


 108.7865, 0.3642,
0.3280

 13.3612, 0.4173,
0.3236


138.4991, 0.3602,
0.3282

 7.6777, 0.4386,
0.3209

173.1821, 0.3567,
0.3284

 3.8894, 0.4705,
0.3159

213.2198, 0.3538,
0.3285

 1.6119, 0.5227,
0.3053

258.9965, 0.3511,

 0.3656, 0.7376,

0.3286

0.2624

310.8968, 0.3489,
0.3287

0.0000, 0.0000,
0.0000

45.6265, 0.3818,
0.3269

45.6265, 0.3818,
0.3269

37.4573, 0.4156,
0.3263

55.4771, 0.3543,
0.3276

30.8696, 0.4561,
0.3258

67.0888, 0.3322,
0.3283

25.7631, 0.5019,
0.3256

80.5441, 0.3146,
0.3289

22.0230, 0.5495,
0.3259

95.9182, 0.3005,
0.3295

19.5181, 0.5924,
0.3267

96.2326, 0.2999,
0.3290

■ 18.0913, 0.6233,
0.3280

■ 17.5068, 0.6379,
0.3288

Harmonies

Analogous

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



45.6265, 0.3489, 0.2959



45.6265, 0.3818, 0.3269



45.6265, 0.3947, 0.3601

Triad

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



45.6265, 0.3818, 0.3269



45.6265, 0.3138, 0.3949



45.6265, 0.2448, 0.2680

Complementary

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



45.6265, 0.3818, 0.3269



72.2491, 0.2691, 0.3312

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.



45.6265, 0.2371, 0.2897



45.6265, 0.3818, 0.3269



45.6265, 0.2752, 0.3652

Square

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



45.6265, 0.3818, 0.3269



45.6265, 0.3537, 0.4026



45.6265, 0.2477, 0.3251



45.6265, 0.2697, 0.2628

Rectangle

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



45.6265, 0.3818, 0.3269



45.6265, 0.3900, 0.3800



45.6265, 0.2477, 0.3251



45.6265, 0.2402, 0.2734

Sweetspot

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



45.6287, 0.3818, 0.3269



84.8665, 0.3281, 0.3284



48.5151, 0.3143, 0.2510



17.6788, 0.3308, 0.3283



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.



45.6287, 0.3818, 0.3269



49.2812, 0.4012, 0.3265



59.1272, 0.3720, 0.3673



15.0608, 0.3289, 0.3284



9.8408, 0.6371, 0.3283



0.7751, 0.6290, 0.3239

Inverse Universe

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



45.6287, 0.3818, 0.3269



49.2812, 0.4012, 0.3265



54.7967, 0.2631, 0.2873



15.0608, 0.3289, 0.3284



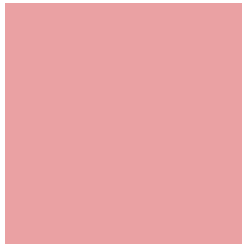
9.8408, 0.6371, 0.3283



0.7751, 0.6290, 0.3239

Previews

White Background



This preview shows how the Yxy color 45.6265, 0.3818, 0.3269 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 45.6265, 0.3818, 0.3269 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 45.6265, 0.3818, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 45.6265, 0.3818, 0.3269.



This preview shows how white text looks on a background with the Yxy color 45.6265, 0.3818, 0.3269.

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

45.6265, 0.3818, 0.3269

Protanopia

45.9739, 0.3227, 0.3382

Deuteranopia

45.8244, 0.3523, 0.3454



Tritanopia

45.7823, 0.3742, 0.3156

Trichromacy



Original Color

45.6265, 0.3818, 0.3269

Protanomaly

45.4482, 0.3436, 0.3341

Deuteranomaly

45.5835, 0.3632, 0.3376

Tritanomaly

45.6684, 0.3771, 0.3190

Monochromacy



Original Color

45.6265, 0.3818, 0.3269

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.3511, 0.3361, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6265, 0.3818, 0.3269 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, 161, 163)` looks like.

```
.text, #text, p{  
    color:rgb(234, 161, 163)  
}
```

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, 161, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 161, 163) }
```

Border

The CSS property to change the border of an element to Yxy 45.6265, 0.3818, 0.3269 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, 161, 163) }
```

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

```
.border{ border-color:rgb(234, 161, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 161, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 161, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 161, 163);  
box-shadow:4px 4px 4px 4px rgb(234, 161,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6265, 0.3818, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 161, 163) }
```

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

```
.background{ background-color: rgb(234,  
161, 163) }
```

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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