

Converting Colors

$Yxy(45.7825, 0.3800, 0.3292)$

Have a look what the booklet for
Yxy(45.7825, 0.3800, 0.3292)
contains.

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Color

Yxy(45.6051, 0.3806, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E8A2A2
RGB	232, 162, 162
RGB Percent	91%, 64%, 64%
CMY	0.0901, 0.3647, 0.3647
CMYK	0.00, 0.30, 0.30, 0.09
HSL	0°, 60%, 77%
HSV	0°, 30%, 91%
XYZ	52.7257, 45.6051, 40.2023
YIQ	182.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

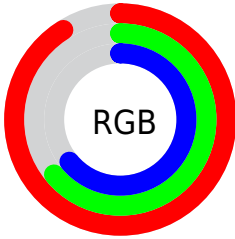
Format	Color
R _Y B	232, 162, 162
Decimal	15245986
CIE Lab	73.29, 25.97, 10.47
CIE LCh	73, 27.997, 21.949
Yxy	45.6051, 0.3806, 0.3292
Android (android.graphics.Color)	4293436066 (0xFFE8A2A2)
YUV	182.9300, -10.3185, 43.0344
Hunter-Lab	67.5315, 21.1848, 11.9761

Details

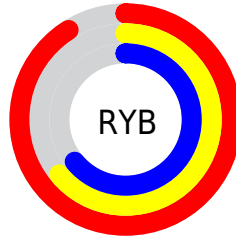
The Yxy color **45.6051, 0.3806, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.2333, 0.2693, 0.3289**, and the grayscale version is **47.3553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8955, 0.3407, 0.3291**, and **21.3916, 0.4013, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **37.4234, 0.4148, 0.3293**, and if you desaturate by 10%, it is **55.4513, 0.3529, 0.3291**.

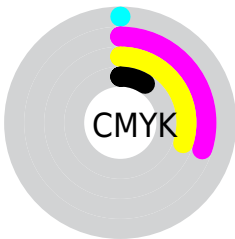
Distribution



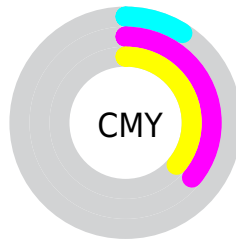
- Red (91%)
- Green (64%)
- Blue (64%)



- Red (91%)
- Yellow (64%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6051, 0.3806, 0.3292 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 45.6051, 0.3806, 0.3292 by changing the saturation by 10% instead.


 45.6051, 0.3806,
0.3292

 45.6051, 0.3806,
0.3292


369.2187, 0.3462,
0.3299

 31.9343, 0.3893,
0.3288


 83.6277, 0.3680,
0.3296

 21.3113, 0.4005,
0.3281


 108.7483, 0.3633,
0.3297

 13.3518, 0.4155,
0.3270


138.4542, 0.3594,
0.3298

 7.6712, 0.4365,
0.3249

173.1300, 0.3560,
0.3298

 3.8853, 0.4679,
0.3209

213.1599, 0.3530,
0.3299

 1.6096, 0.5195,
0.3119

258.9284, 0.3505,

 0.3641, 0.7307,

0.3299

0.2693

310.8199, 0.3482,
0.3299

0.0000, 0.0000,
0.0000

45.6051, 0.3806,
0.3292

45.6051, 0.3806,
0.3292

37.4234, 0.4148,
0.3293

55.4513, 0.3529,
0.3291

30.8082, 0.4557,
0.3294

67.0398, 0.3307,
0.3291

25.6615, 0.5021,
0.3296

80.4516, 0.3130,
0.3290

21.8713, 0.5503,
0.3297

95.7605, 0.2989,
0.3290

19.3099, 0.5937,
0.3298

95.8998, 0.2988,
0.3290

■ 17.8251, 0.6245,
0.3299

■ 17.1600, 0.6401,
0.3300

Harmonies

Analogous

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



45.6051, 0.3501, 0.2989



45.6051, 0.3806, 0.3292



45.6051, 0.3915, 0.3611

Triad

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



45.6051, 0.3806, 0.3292



45.6051, 0.3112, 0.3909



45.6051, 0.2484, 0.2695

Complementary

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



45.6051, 0.3806, 0.3292



71.2333, 0.2693, 0.3289

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.



45.6051, 0.2397, 0.2894



45.6051, 0.3806, 0.3292



45.6051, 0.2745, 0.3614

Square

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



45.6051, 0.3806, 0.3292



45.6051, 0.3499, 0.3999



45.6051, 0.2489, 0.3229



45.6051, 0.2734, 0.2654

Rectangle

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



45.6051, 0.3806, 0.3292



45.6051, 0.3861, 0.3799



45.6051, 0.2489, 0.3229



45.6051, 0.2435, 0.2744

Sweetspot

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



45.6073, 0.3806, 0.3292



84.8309, 0.3285, 0.3290



48.8255, 0.3162, 0.2541



17.6701, 0.3313, 0.3291



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.



45.6073, 0.3806, 0.3292



50.1782, 0.4003, 0.3293



59.7044, 0.3689, 0.3685



14.3681, 0.3293, 0.3291



9.5244, 0.6401, 0.3300



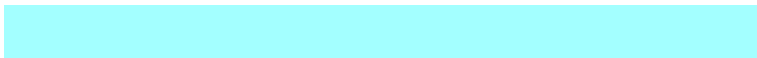
0.7038, 0.6401, 0.3300

Inverse Universe

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



71.2333, 0.2693, 0.3289



86.5455, 0.2620, 0.3288



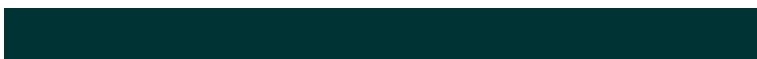
53.4445, 0.2644, 0.2859



16.3363, 0.2982, 0.3290



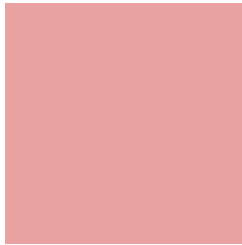
35.2719, 0.2247, 0.3287



2.6065, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 45.6051, 0.3806, 0.3292 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 45.6051, 0.3806, 0.3292 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 45.6051, 0.3806, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 45.6051, 0.3806, 0.3292.



This preview shows how white text looks on a background with the Yxy color 45.6051, 0.3806, 0.3292.

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

45.6051, 0.3806, 0.3292

Protanopia

46.0219, 0.3252, 0.3408

Deuteranopia

45.7893, 0.3532, 0.3467



Tritanopia

45.4824, 0.3713, 0.3144

Trichromacy



Original Color

45.6051, 0.3806, 0.3292

Protanomaly

45.4108, 0.3445, 0.3354

Deuteranomaly

45.7697, 0.3628, 0.3401

Tritanomaly

45.6779, 0.3749, 0.3201

Monochromacy



Original Color

45.6051, 0.3806, 0.3292

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.1726, 0.3361, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6051, 0.3806, 0.3292 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, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(232, 162, 162)  
}
```

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, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 162, 162) }
```

Border

The CSS property to change the border of an element to Yxy 45.6051, 0.3806, 0.3292 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, 162, 162) }
```

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

```
.border{ border-color:rgb(232, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(232, 162,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6051, 0.3806, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 162, 162) }
```

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

```
.background{ background-color: rgb(232,  
162, 162) }
```

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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