

Converting Colors

$Yxy(45.9930, 0.3769, 0.3304)$

Have a look what the booklet for
Yxy(45.9930, 0.3769, 0.3304)
contains.

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Color

Yxy(46.0183, 0.3770, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	E6A4A3
RGB	230, 164, 163
RGB Percent	90%, 64%, 64%
CMY	0.0980, 0.3569, 0.3607
CMYK	0.00, 0.29, 0.29, 0.10
HSL	1°, 57%, 77%
HSV	1°, 29%, 90%
XYZ	52.5247, 46.0183, 40.7798
YIQ	183.6200, 39.6570, 13.6810

Conversions

Conversions Part 2

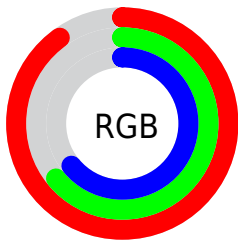
Format	Color
R _Y B	230, 164, 163
Decimal	15115427
CIE Lab	73.56, 24.29, 10.24
CIE LCh	74, 26.359, 22.872
Yxy	46.0183, 0.3770, 0.3303
Android (android.graphics.Color)	4293305507 (0xFFE6A4A3)
YUV	183.6200, -10.1657, 40.6753
Hunter-Lab	67.8368, 19.4946, 11.8438

Details

The Yxy color **46.0183, 0.3770, 0.3303** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.5697, 0.2705, 0.3277**, and the grayscale version is **47.7554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9850, 0.3397, 0.3301**, and **21.6203, 0.3962, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **37.8657, 0.4101, 0.3308**, and if you desaturate by 10%, it is **55.7714, 0.3501, 0.3298**.

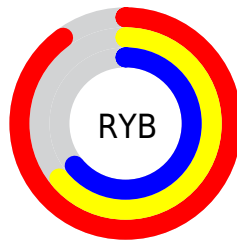
Distribution



Red (90%)

Green (64%)

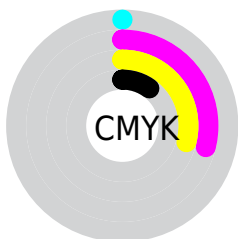
Blue (64%)



Red (90%)

Yellow (64%)

Blue (64%)

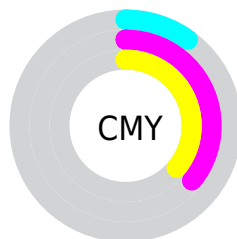


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (10%)



Cyan (10%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0183, 0.3770, 0.3303 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 46.0183, 0.3770, 0.3303 by changing the saturation by 10% instead.

 46.0183, 0.3770,
0.3303


 46.0183, 0.3770,
0.3303

370.8822, 0.3445,
0.3304

 32.2603, 0.3852,
0.3301

 84.2464, 0.3651,
0.3305

 21.5604, 0.3958,
0.3296


 109.4852, 0.3607,
0.3305

 13.5342, 0.4099,
0.3288


139.3198, 0.3569,
0.3305

 7.7974, 0.4297,
0.3273

174.1345, 0.3537,
0.3305

 3.9656, 0.4593,
0.3241

214.3136, 0.3509,
0.3305

 1.6543, 0.5078,
0.3165

260.2417, 0.3485,

 0.3938, 0.7120,

0.3304

0.2880

312.3031, 0.3464,
0.3304

0.0000, 0.0000,
0.0000

46.0183, 0.3770,
0.3303

46.0183, 0.3770,
0.3303

37.8657, 0.4101,
0.3308

55.7714, 0.3501,
0.3298

31.2221, 0.4499,
0.3312

67.1972, 0.3286,
0.3294

25.9969, 0.4954,
0.3316

80.3713, 0.3113,
0.3290

22.0870, 0.5433,
0.3317

95.3603, 0.2976,
0.3286

19.3754, 0.5876,
0.3315

95.5650, 0.2976,
0.3290

■ 17.7246, 0.6206,
0.3310

■ 16.9446, 0.6381,
0.3306

■ 16.8968, 0.6393,
0.3306

Harmonies

Analogous

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



46.0183, 0.3489, 0.3015



46.0183, 0.3770, 0.3303



46.0183, 0.3866, 0.3604

Triad

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



46.0183, 0.3770, 0.3303



46.0183, 0.3103, 0.3862



46.0183, 0.2526, 0.2727

Complementary

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



46.0183, 0.3770, 0.3303



69.5697, 0.2705, 0.3277

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.



46.0183, 0.2439, 0.2912



46.0183, 0.3770, 0.3303



46.0183, 0.2759, 0.3583

Square

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



46.0183, 0.3770, 0.3303



46.0183, 0.3468, 0.3955



46.0183, 0.2521, 0.3223



46.0183, 0.2767, 0.2691

Rectangle

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



46.0183, 0.3770, 0.3303



46.0183, 0.3812, 0.3778



46.0183, 0.2521, 0.3223



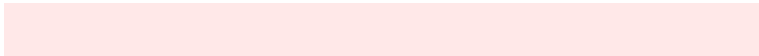
46.0183, 0.2479, 0.2772

Sweetspot

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



46.0205, 0.3770, 0.3303



85.0165, 0.3284, 0.3294



48.7453, 0.3161, 0.2567



17.7153, 0.3313, 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.



46.0205, 0.3770, 0.3303



51.6537, 0.3963, 0.3306



59.1868, 0.3665, 0.3670



14.4010, 0.3292, 0.3294



9.5800, 0.6390, 0.3308



0.7197, 0.6359, 0.3333

Inverse Universe

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



69.5697, 0.2705, 0.3277



86.0038, 0.2630, 0.3275



53.2202, 0.2662, 0.2876



16.2989, 0.2982, 0.3286



34.2589, 0.2234, 0.3244



2.5431, 0.2236, 0.3251

Previews

White Background



This preview shows how the Yxy color 46.0183, 0.3770, 0.3303 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 46.0183, 0.3770, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

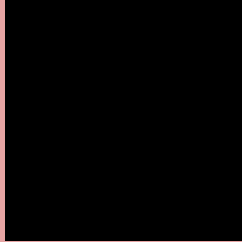
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0183, 0.3770, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 46.0183, 0.3770, 0.3303.



This preview shows how white text looks on a background with the Yxy color 46.0183, 0.3770, 0.3303.

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

46.0183, 0.3770, 0.3303

Protanopia

46.0602, 0.3244, 0.3395

Deuteranopia

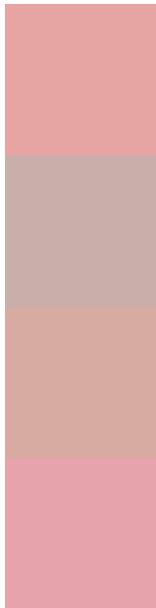
45.9671, 0.3533, 0.3454



Tritanopia

45.9247, 0.3669, 0.3143

Trichromacy



Original Color

46.0183, 0.3770, 0.3303

Protanomaly

45.6932, 0.3424, 0.3354

Deuteranomaly

45.8052, 0.3619, 0.3389

Tritanomaly

46.1236, 0.3705, 0.3200

Monochromacy



Original Color

46.0183, 0.3770, 0.3303

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.9964, 0.3349, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0183, 0.3770, 0.3303 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(230, 164, 163)` looks like.

```
.text, #text, p{  
    color:rgb(230, 164, 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(230, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 164, 163) }
```

Border

The CSS property to change the border of an element to Yxy 46.0183, 0.3770, 0.3303 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(230, 164, 163) }
```

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

```
.border{ border-color:rgb(230, 164, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 164, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(230, 164,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0183, 0.3770, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 164, 163) }
```

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

```
.background{ background-color: rgb(230,  
164, 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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