

Converting Colors

$Yxy(46.4372, 0.3686, 0.3207)$

Have a look what the booklet for
Yxy(46.4372, 0.3686, 0.3207)
contains.

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Color

Yxy(46.3525, 0.3683, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	E6A4AC
RGB	230, 164, 172
RGB Percent	90%, 64%, 67%
CMY	0.0981, 0.3568, 0.3256
CMYK	0.00, 0.29, 0.25, 0.10
HSL	353°, 57%, 77%
HSV	353°, 29%, 90%
XYZ	53.3488, 46.3525, 45.1502
YIQ	184.6460, 36.7680, 16.4800

Conversions

Conversions Part 2

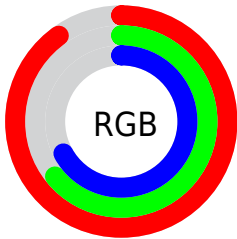
Format	Color
R _Y B	230, 164, 172
Decimal	15115436
CIE Lab	73.77, 25.49, 5.64
CIE LCh	74, 26.106, 12.480
Yxy	46.3525, 0.3683, 0.3200
Android (android.graphics.Color)	4293305516 (0xFFE6A4AC)
YUV	184.6460, -6.2345, 39.7755
Hunter-Lab	68.0827, 20.7260, 8.3387

Details

The Yxy color **46.3525, 0.3683, 0.3200** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.7544, 0.2755, 0.3384**, and the grayscale version is **48.3291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4691, 0.3334, 0.3211**, and **21.8286, 0.3838, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **38.1342, 0.3971, 0.3168**, and if you desaturate by 10%, it is **56.1818, 0.3449, 0.3233**.

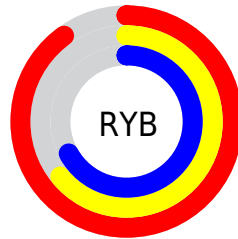
Distribution



Red (90%)

Green (64%)

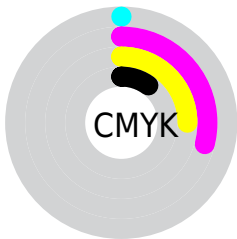
Blue (67%)



Red (90%)

Yellow (64%)

Blue (67%)

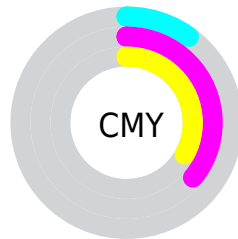


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (10%)



Cyan (10%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3525, 0.3683, 0.3200 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 46.3525, 0.3683, 0.3200 by changing the saturation by 10% instead.


 46.3525, 0.3683,
0.3200


 46.3525, 0.3683,
0.3200


372.2240, 0.3403,
0.3249

 32.5241, 0.3753,
0.3187


 84.7463, 0.3581,
0.3219

 21.7621, 0.3844,
0.3169


 110.0805, 0.3543,
0.3225

 13.6822, 0.3965,
0.3144


140.0187, 0.3510,
0.3231

 7.9000, 0.4135,
0.3107

174.9453, 0.3483,
0.3236

 4.0310, 0.4389,
0.3047

215.2447, 0.3459,
0.3240

 1.6909, 0.4807,
0.2937

261.3014, 0.3438,

 0.4178, 0.6833,

0.3243

0.2766

313.4997, 0.3419,
0.3246

0.0000, 0.0000,
0.0000

46.3525, 0.3683,
0.3200

46.3525, 0.3683,
0.3200

38.1342, 0.3971,
0.3168

56.1818, 0.3449,
0.3233

31.4348, 0.4319,
0.3140

67.6949, 0.3260,
0.3264

26.1629, 0.4723,
0.3120

80.9678, 0.3109,
0.3294

22.2146, 0.5166,
0.3115

95.4240, 0.2987,
0.3311

19.4720, 0.5605,
0.3131

95.5603, 0.2976,
0.3290

■ 17.7960, 0.5983,
0.3170

■ 16.9818, 0.6245,
0.3224

■ 16.9029, 0.6272,
0.3229

Harmonies

Analogous

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



46.3525, 0.3361, 0.2933



46.3525, 0.3683, 0.3200



46.3525, 0.3848, 0.3500

Triad

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



46.3525, 0.3683, 0.3200



46.3525, 0.3231, 0.3910



46.3525, 0.2485, 0.2780

Complementary

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



46.3525, 0.3683, 0.3200



69.7544, 0.2755, 0.3384

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.



46.3525, 0.2456, 0.3012



46.3525, 0.3683, 0.3200



46.3525, 0.2873, 0.3690

Square

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



46.3525, 0.3683, 0.3200



46.3525, 0.3575, 0.3931



46.3525, 0.2594, 0.3348



46.3525, 0.2674, 0.2693

Rectangle

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



46.3525, 0.3683, 0.3200



46.3525, 0.3843, 0.3688



46.3525, 0.2594, 0.3348



46.3525, 0.2457, 0.2842

Sweetspot

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



46.3547, 0.3683, 0.3200



84.9890, 0.3267, 0.3263



47.6708, 0.3086, 0.2561



17.7087, 0.3292, 0.3259



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.



46.3547, 0.3683, 0.3200



52.6210, 0.3835, 0.3182



55.5552, 0.3683, 0.3567



14.3961, 0.3274, 0.3262



9.5804, 0.6247, 0.3215



0.7173, 0.5934, 0.3042

Inverse Universe

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



46.3547, 0.3683, 0.3200



52.6210, 0.3835, 0.3182



57.6509, 0.2681, 0.2994



14.3961, 0.3274, 0.3262



9.5804, 0.6247, 0.3215



0.7173, 0.5934, 0.3042

Previews

White Background



This preview shows how the Yxy color 46.3525, 0.3683, 0.3200 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 46.3525, 0.3683, 0.3200 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 46.3525, 0.3683, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 46.3525, 0.3683, 0.3200.



This preview shows how white text looks on a background with the Yxy color 46.3525, 0.3683, 0.3200.

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

46.3525, 0.3683, 0.3200

Protanopia

46.6982, 0.3161, 0.3290

Deuteranopia

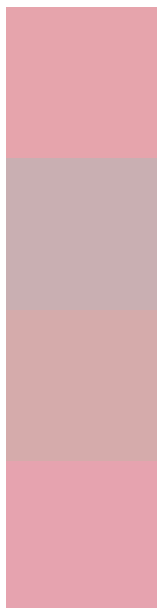
46.3996, 0.3432, 0.3353



Tritanopia

46.1520, 0.3647, 0.3142

Trichromacy



Original Color

46.3525, 0.3683, 0.3200

Protanomaly

46.2918, 0.3335, 0.3253

Deuteranomaly

46.2122, 0.3515, 0.3291

Tritanomaly

46.1125, 0.3657, 0.3154

Monochromacy



Original Color

46.3525, 0.3683, 0.3200

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.1571, 0.3315, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3525, 0.3683, 0.3200 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(230, 164, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 164, 172) }
```

Border

The CSS property to change the border of an element to Yxy 46.3525, 0.3683, 0.3200 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, 172) }
```

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

```
.border{ border-color:rgb(230, 164, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(230, 164,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3525, 0.3683, 0.3200 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, 172) }
```

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

```
.background{ background-color: rgb(230,  
164, 172) }
```

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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