

Converting Colors

$Yxy(43.8013, 0.3569, 0.3037)$

Have a look what the booklet for
Yxy(43.8013, 0.3569, 0.3037)
contains.

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Color

Yxy(43.7566, 0.3573, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	E19EB4
RGB	225, 158, 180
RGB Percent	88%, 62%, 71%
CMY	0.1177, 0.3803, 0.2942
CMYK	0.00, 0.30, 0.20, 0.12
HSL	340°, 53%, 75%
HSV	340°, 30%, 88%
XYZ	51.5131, 43.7566, 48.9036
YIQ	180.5410, 32.8700, 21.0460

Conversions

Conversions Part 2

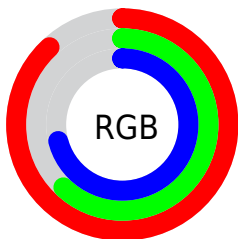
Format	Color
R _Y B	225, 158, 180
Decimal	14786228
CIE Lab	72.07, 28.07, -1.33
CIE LCh	72, 28.097, 357.293
Yxy	43.7566, 0.3573, 0.3035
Android (android.graphics.Color)	4292976308 (0xFFE19EB4)
YUV	180.5410, -0.2667, 38.9905
Hunter-Lab	66.1488, 23.2459, 2.4712

Details

The Yxy color **43.7566, 0.3573, 0.3035** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.4284, 0.2821, 0.3563**, and the grayscale version is **45.9369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9046, 0.3277, 0.3061**, and **20.2754, 0.3712, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **36.1894, 0.3791, 0.2947**, and if you desaturate by 10%, it is **52.8002, 0.3393, 0.3124**.

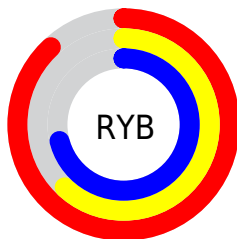
Distribution



Red (88%)

Green (62%)

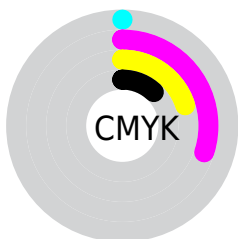
Blue (71%)



Red (88%)

Yellow (62%)

Blue (71%)

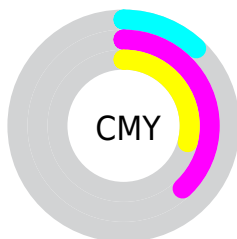


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (12%)



Cyan (12%)


Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7566, 0.3573, 0.3035 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 43.7566, 0.3573, 0.3035 by changing the saturation by 10% instead.


 43.7566, 0.3573,
0.3035


 43.7566, 0.3573,
0.3035


361.7141, 0.3348,
0.3163

 30.4792, 0.3630,
0.3003


 80.8514, 0.3491,
0.3082

 20.2026, 0.3703,
0.2962


 105.4375, 0.3460,
0.3099

 12.5424, 0.3800,
0.2907


134.5620, 0.3434,
0.3114

 7.1142, 0.3938,
0.2830

168.6093, 0.3412,
0.3126

 3.5336, 0.4145,
0.2715

207.9638, 0.3393,
0.3137

 1.4163, 0.4490,
0.2526

253.0098, 0.3376,

 0.2287, 0.6131,

0.3147

0.1551

304.1318, 0.3361,
0.3155

0.0000, 0.0000,
0.0000

43.7566, 0.3573,
0.3035

43.7566, 0.3573,
0.3035

36.1894, 0.3791,
0.2947

52.8002, 0.3393,
0.3124

30.0135, 0.4051,
0.2865

63.3869, 0.3245,
0.3211

25.1446, 0.4353,
0.2799

75.5870, 0.3125,
0.3292

21.4866, 0.4688,
0.2762

89.4644, 0.3026,
0.3367

18.9302, 0.5041,
0.2764

94.7461, 0.2946,
0.3289

■ 17.3456, 0.5382,
0.2814

■ 16.5140, 0.5686,
0.2907

■ 16.4981, 0.5692,
0.2909

Harmonies

Analogous

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



43.7566, 0.3175, 0.2787



43.7566, 0.3573, 0.3035



43.7566, 0.3855, 0.3350

Triad

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



43.7566, 0.3573, 0.3035



43.7566, 0.3439, 0.4013



43.7566, 0.2388, 0.2840

Complementary

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



43.7566, 0.3573, 0.3035



65.4284, 0.2821, 0.3563

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.



43.7566, 0.2448, 0.3159



43.7566, 0.3573, 0.3035



43.7566, 0.3041, 0.3880

Square

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



43.7566, 0.3573, 0.3035



43.7566, 0.3766, 0.3921



43.7566, 0.2681, 0.3552



43.7566, 0.2507, 0.2666

Rectangle

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



43.7566, 0.3573, 0.3035



43.7566, 0.3927, 0.3567



43.7566, 0.2681, 0.3552



43.7566, 0.2388, 0.2932

Sweetspot

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



43.7586, 0.3573, 0.3035



85.2677, 0.3236, 0.3217



42.5430, 0.2968, 0.2507



17.7769, 0.3255, 0.3204



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.



43.7586, 0.3573, 0.3035



51.3900, 0.3710, 0.2977



46.9162, 0.3753, 0.3423



13.7743, 0.3241, 0.3213



9.5270, 0.5652, 0.2887



0.6765, 0.5215, 0.2647

Inverse Universe

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



43.7586, 0.3573, 0.3035



51.3900, 0.3710, 0.2977



60.7121, 0.2684, 0.3152



13.7743, 0.3241, 0.3213



9.5270, 0.5652, 0.2887



0.6765, 0.5215, 0.2647

Previews

White Background



This preview shows how the Yxy color 43.7566, 0.3573, 0.3035 looks on a white background.

Color Contrast Check

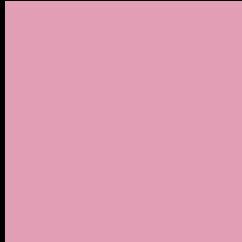
Large Text (above 18pt) WCAG AA × Fail

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 43.7566, 0.3573, 0.3035 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 43.7566, 0.3573, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 43.7566, 0.3573, 0.3035.



This preview shows how white text looks on a background with the Yxy color 43.7566, 0.3573, 0.3035.

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

43.7566, 0.3573, 0.3035

Protanopia

44.0424, 0.3008, 0.3093

Deuteranopia

43.8095, 0.3277, 0.3201



Tritanopia

43.6221, 0.3639, 0.3138

Trichromacy



Original Color

43.7566, 0.3573, 0.3035

Protanomaly

43.4331, 0.3201, 0.3062

Deuteranomaly

43.5062, 0.3377, 0.3129

Tritanomaly

43.7387, 0.3610, 0.3103

Monochromacy



Original Color

43.7566, 0.3573, 0.3035

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0937, 0.3276, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7566, 0.3573, 0.3035 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(225, 158, 180)` looks like.

```
.text, #text, p{  
    color:rgb(225, 158, 180)  
}
```

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(225, 158, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 158, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.7566, 0.3573, 0.3035 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(225, 158, 180) }
```

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

```
.border{ border-color:rgb(225, 158, 180) }
```

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

Here you see how a box with a 4 pixel rgb(225, 158, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 158, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 158, 180);  
box-shadow:4px 4px 4px 4px rgb(225, 158,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7566, 0.3573, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 158, 180) }
```

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

```
.background{ background-color: rgb(225,  
158, 180) }
```

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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