

Converting Colors

$Y_{xy}(44.7999, 0.3566, 0.3069)$

Have a look what the booklet for
Yxy(44.7999, 0.3566, 0.3069)
contains.

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Color

Yxy(44.7926, 0.3566, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	E1A1B4
RGB	225, 161, 180
RGB Percent	88%, 63%, 71%
CMY	0.1177, 0.3686, 0.2941
CMYK	0.00, 0.28, 0.20, 0.12
HSL	342°, 52%, 76%
HSV	342°, 28%, 88%
XYZ	52.0295, 44.7926, 49.0822
YIQ	182.3020, 32.0450, 19.4770

Conversions

Conversions Part 2

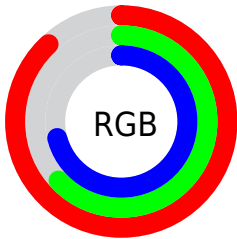
Format	Color
R _Y B	225, 161, 180
Decimal	14786996
CIE Lab	72.76, 26.45, -0.32
CIE LCh	73, 26.453, 359.298
Yxy	44.7926, 0.3566, 0.3070
Android (android.graphics.Color)	4292977076 (0xFFE1A1B4)
YUV	182.3020, -1.1349, 37.4461
Hunter-Lab	66.9273, 21.6437, 3.3678

Details

The Yxy color **44.7926, 0.3566, 0.3070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.8743, 0.2822, 0.3523**, and the grayscale version is **46.9463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4279, 0.3274, 0.3092**, and **20.9046, 0.3702, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **37.0169, 0.3790, 0.2990**, and if you desaturate by 10%, it is **54.0608, 0.3382, 0.3151**.

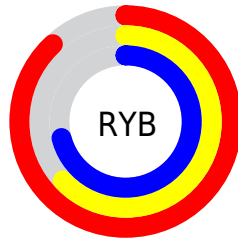
Distribution



Red (88%)

Green (63%)

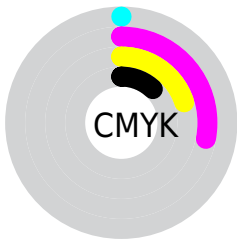
Blue (71%)



Red (88%)

Yellow (63%)

Blue (71%)

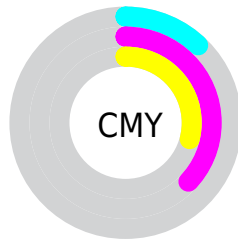


Cyan (0%)

Magenta (28%)

Yellow (20%)

Black (12%)



Cyan (12%)


Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7926, 0.3566, 0.3070 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 44.7926, 0.3566, 0.3070 by changing the saturation by 10% instead.


 44.7926, 0.3566,
0.3070


 44.7926, 0.3566,
0.3070


365.9329, 0.3345,
0.3181

 31.2941, 0.3622,
0.3042


 82.4091, 0.3485,
0.3110

 20.8229, 0.3693,
0.3006


 107.2959, 0.3455,
0.3125

 12.9946, 0.3789,
0.2959

136.7475, 0.3430,
0.3138

 7.4248, 0.3923,
0.2892

171.1485, 0.3408,
0.3149

 3.7292, 0.4124,
0.2792

210.8831, 0.3389,
0.3159

 1.5233, 0.4459,
0.2626

256.3358, 0.3373,

 0.3050, 0.5874,

0.3167

0.1908

307.8909, 0.3358,
0.3174

0.0000, 0.0000,
0.0000

44.7926, 0.3566,
0.3070

44.7926, 0.3566,
0.3070

37.0169, 0.3790,
0.2990

54.0608, 0.3382,
0.3151

30.6490, 0.4058,
0.2915

64.8878, 0.3232,
0.3228

25.6055, 0.4370,
0.2854

77.3434, 0.3110,
0.3301

21.7914, 0.4720,
0.2819

91.4915, 0.3010,
0.3368

19.0989, 0.5090,
0.2820

94.7443, 0.2946,
0.3289

■ 17.4013, 0.5447,
0.2868

■ 16.5137, 0.5760,
0.2957

■ 16.4068, 0.5805,
0.2972

Harmonies

Analogous

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



44.7926, 0.3199, 0.2830



44.7926, 0.3566, 0.3070



44.7926, 0.3817, 0.3369

Triad

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



44.7926, 0.3566, 0.3070



44.7926, 0.3396, 0.3962



44.7926, 0.2436, 0.2854

Complementary

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



44.7926, 0.3566, 0.3070



65.8743, 0.2822, 0.3523

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.



44.7926, 0.2482, 0.3147



44.7926, 0.3566, 0.3070



44.7926, 0.3023, 0.3823

Square

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



44.7926, 0.3566, 0.3070



44.7926, 0.3709, 0.3892



44.7926, 0.2691, 0.3511



44.7926, 0.2559, 0.2699

Rectangle

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



44.7926, 0.3566, 0.3070



44.7926, 0.3876, 0.3572



44.7926, 0.2691, 0.3511



44.7926, 0.2432, 0.2939

Sweetspot

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



44.7947, 0.3566, 0.3070



85.2252, 0.3240, 0.3224



44.0221, 0.2995, 0.2548



17.7664, 0.3261, 0.3212



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.



44.7947, 0.3566, 0.3070



53.2726, 0.3691, 0.3023



48.7762, 0.3710, 0.3442



13.7671, 0.3246, 0.3221



9.4742, 0.5765, 0.2950



0.6721, 0.5324, 0.2707

Inverse Universe

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



44.7947, 0.3566, 0.3070



53.2726, 0.3691, 0.3023



60.1944, 0.2700, 0.3132



13.7671, 0.3246, 0.3221



9.4742, 0.5765, 0.2950



0.6721, 0.5324, 0.2707

Previews

White Background



This preview shows how the Yxy color 44.7926, 0.3566, 0.3070 looks on a white background.

Color Contrast Check

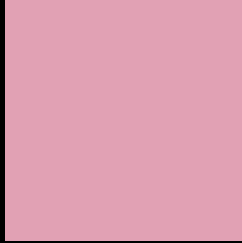
Large Text (above 18pt) WCAG AA × Fail

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 44.7926, 0.3566, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

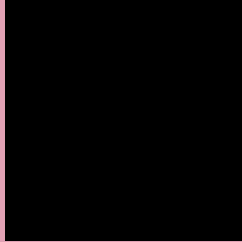
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7926, 0.3566, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 44.7926, 0.3566, 0.3070.



This preview shows how white text looks on a background with the Yxy color 44.7926, 0.3566, 0.3070.

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

44.7926, 0.3566, 0.3070

Protanopia

45.1422, 0.3041, 0.3133

Deuteranopia

44.8373, 0.3292, 0.3227



Tritanopia

44.7439, 0.3612, 0.3151

Trichromacy



Original Color

44.7926, 0.3566, 0.3070

Protanomaly

44.7860, 0.3225, 0.3114

Deuteranomaly

44.8960, 0.3391, 0.3168

Tritanomaly

44.8225, 0.3593, 0.3127

Monochromacy



Original Color

44.7926, 0.3566, 0.3070

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.6141, 0.3283, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7926, 0.3566, 0.3070 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, 161, 180)` looks like.

```
.text, #text, p{  
    color:rgb(225, 161, 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, 161, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 161, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.7926, 0.3566, 0.3070 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, 161, 180) }
```

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

```
.border{ border-color:rgb(225, 161, 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, 161, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 161, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 161, 180);  
box-shadow:4px 4px 4px 4px rgb(225, 161,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7926, 0.3566, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 161, 180) }
```

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

```
.background{ background-color: rgb(225,  
161, 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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