

Converting Colors

$Yxy(44.4511, 0.3666, 0.3152)$

Have a look what the booklet for
Yxy(44.4511, 0.3666, 0.3152)
contains.

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Color

Yxy(44.4511, 0.3666, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	E3A0AC
RGB	227, 160, 172
RGB Percent	89%, 63%, 67%
CMY	0.1097, 0.3726, 0.3256
CMYK	0.00, 0.30, 0.24, 0.11
HSL	349°, 55%, 76%
HSV	349°, 30%, 89%
XYZ	51.6998, 44.4511, 44.8742
YIQ	181.4010, 36.0800, 17.9360

Conversions

Conversions Part 2

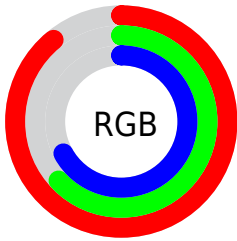
Format	Color
R _Y B	227, 160, 172
Decimal	14917804
CIE Lab	72.53, 26.56, 3.80
CIE LCh	73, 26.830, 8.142
Yxy	44.4511, 0.3666, 0.3152
Android (android.graphics.Color)	4293107884 (0xFFE3A0AC)
YUV	181.4010, -4.6347, 39.9903
Hunter-Lab	66.6717, 21.7404, 6.7643

Details

The Yxy color **44.4511, 0.3666, 0.3152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.3332, 0.2767, 0.3435**, and the grayscale version is **46.4488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4069, 0.3338, 0.3170**, and **20.6272, 0.3816, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **36.6210, 0.3937, 0.3104**, and if you desaturate by 10%, it is **53.8230, 0.3445, 0.3201**.

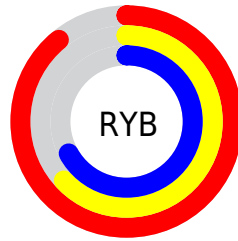
Distribution



Red (89%)

Green (63%)

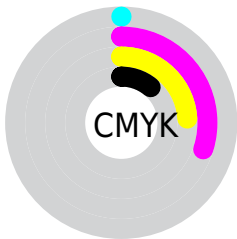
Blue (67%)



Red (89%)

Yellow (63%)

Blue (67%)

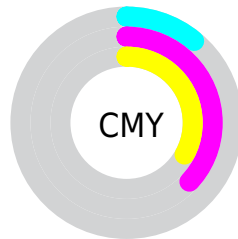


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4511, 0.3666, 0.3152 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 44.4511, 0.3666, 0.3152 by changing the saturation by 10% instead.


 44.4511, 0.3666,
0.3152

 44.4511, 0.3666,
0.3152


364.5459, 0.3393,
0.3224

 31.0253, 0.3735,
0.3133


 81.8961, 0.3566,
0.3179

 20.6181, 0.3824,
0.3108

 106.6841, 0.3529,
0.3189

 12.8451, 0.3944,
0.3073


136.0283, 0.3497,
0.3197

 7.3220, 0.4113,
0.3023

170.3131, 0.3470,
0.3204

 3.6643, 0.4368,
0.2945

209.9228, 0.3447,
0.3210

 1.4876, 0.4794,
0.2806

255.2420, 0.3427,

 0.2800, 0.7417,

0.3216

0.2266

306.6549, 0.3409,
0.3220

0.0000, 0.0000,
0.0000

44.4511, 0.3666,
0.3152

44.4511, 0.3666,
0.3152

36.6210, 0.3937,
0.3104

53.8230, 0.3445,
0.3201

30.2441, 0.4264,
0.3061

64.8067, 0.3265,
0.3248

25.2321, 0.4643,
0.3030

77.4755, 0.3121,
0.3292

21.4848, 0.5060,
0.3020

91.8964, 0.3004,
0.3333

18.8880, 0.5482,
0.3038

95.0749, 0.2958,
0.3290

■ 17.3067, 0.5858,
0.3089

■ 16.5217, 0.6143,
0.3161

■ 16.4921, 0.6154,
0.3164

Harmonies

Analogous

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



44.4511, 0.3315, 0.2885



44.4511, 0.3666, 0.3152



44.4511, 0.3867, 0.3462

Triad

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



44.4511, 0.3666, 0.3152



44.4511, 0.3290, 0.3955



44.4511, 0.2444, 0.2785

Complementary

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



44.4511, 0.3666, 0.3152



67.3332, 0.2767, 0.3435

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.



44.4511, 0.2440, 0.3044



44.4511, 0.3666, 0.3152



44.4511, 0.2913, 0.3752

Square

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



44.4511, 0.3666, 0.3152



44.4511, 0.3637, 0.3943



44.4511, 0.2606, 0.3404



44.4511, 0.2617, 0.2673

Rectangle

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



44.4511, 0.3666, 0.3152



44.4511, 0.3883, 0.3662



44.4511, 0.2606, 0.3404



44.4511, 0.2423, 0.2856

Sweetspot

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



44.4532, 0.3666, 0.3152



85.0664, 0.3258, 0.3250



45.0951, 0.3055, 0.2533



17.7276, 0.3282, 0.3243



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.



44.4532, 0.3666, 0.3152



51.8069, 0.3814, 0.3124



52.0110, 0.3714, 0.3537



14.4099, 0.3264, 0.3248



9.6280, 0.6124, 0.3147



0.7238, 0.5739, 0.2935

Inverse Universe

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



44.4532, 0.3666, 0.3152



51.8069, 0.3814, 0.3124



57.0666, 0.2673, 0.3027



14.4099, 0.3264, 0.3248



9.6280, 0.6124, 0.3147



0.7238, 0.5739, 0.2935

Previews

White Background



This preview shows how the Yxy color 44.4511, 0.3666, 0.3152 looks on a white background.

Color Contrast Check

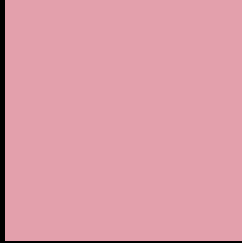
Large Text (above 18pt) WCAG AA × Fail

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 44.4511, 0.3666, 0.3152 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 44.4511, 0.3666, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 44.4511, 0.3666, 0.3152.



This preview shows how white text looks on a background with the Yxy color 44.4511, 0.3666, 0.3152.

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

44.4511, 0.3666, 0.3152

Protanopia

44.5250, 0.3113, 0.3224

Deuteranopia

44.5494, 0.3392, 0.3316



Tritanopia

44.4511, 0.3666, 0.3152

Trichromacy



Original Color

44.4511, 0.3666, 0.3152

Protanomaly

44.2105, 0.3304, 0.3202

Deuteranomaly

44.5008, 0.3484, 0.3254

Tritanomaly

44.4511, 0.3666, 0.3152

Monochromacy



Original Color

44.4511, 0.3666, 0.3152

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.1073, 0.3310, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4511, 0.3666, 0.3152 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(227, 160, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 160, 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(227, 160, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 160, 172) }
```

Border

The CSS property to change the border of an element to Yxy 44.4511, 0.3666, 0.3152 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(227, 160, 172) }
```

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

```
.border{ border-color:rgb(227, 160, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 160, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 160, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 160, 172); box-shadow:4px 4px 4px 4px rgb(227, 160, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4511, 0.3666, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 160, 172) }
```

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

```
.background{ background-color: rgb(227,  
160, 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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