

Converting Colors

Yxy(51.7486, 0.3555, 0.3203)

Have a look what the booklet for
Yxy(51.7486, 0.3555, 0.3203)
contains.

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Color

Yxy(51.6672, 0.3560, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0B8
RGB	232, 176, 184
RGB Percent	91%, 69%, 72%
CMY	0.0901, 0.3098, 0.2785
CMYK	0.00, 0.24, 0.21, 0.09
HSL	351°, 55%, 80%
HSV	351°, 24%, 91%
XYZ	57.4618, 51.6672, 52.2806
YIQ	193.6560, 30.8080, 14.3600

Conversions

Conversions Part 2

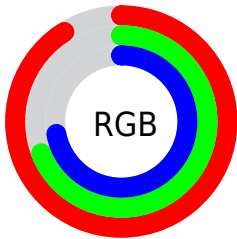
Format	Color
R _Y B	232, 176, 184
Decimal	15249592
CIE Lab	77.08, 21.57, 3.87
CIE LCh	77, 21.915, 10.182
Yxy	51.6672, 0.3560, 0.3201
Android (android.graphics.Color)	4293439672 (0xFFE8B0B8)
YUV	193.6560, -4.7604, 33.6277
Hunter-Lab	71.8799, 16.9056, 7.1924

Details

The Yxy color **51.6672, 0.3560, 0.3201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.3453, 0.2816, 0.3382**, and the grayscale version is **53.7517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2645, 0.3233, 0.3212**, and **24.9186, 0.3674, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **42.5588, 0.3816, 0.3162**, and if you desaturate by 10%, it is **62.4528, 0.3353, 0.3239**.

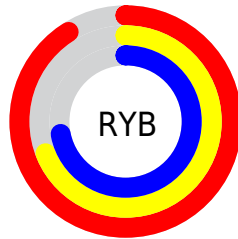
Distribution



Red (91%)

Green (69%)

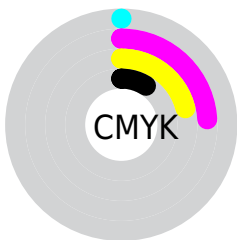
Blue (72%)



Red (91%)

Yellow (69%)

Blue (72%)

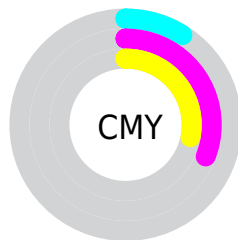


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6672, 0.3560, 0.3201 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 51.6672, 0.3560, 0.3201 by changing the saturation by 10% instead.


 51.6672, 0.3560,
0.3201

 51.6672, 0.3560,
0.3201


393.1505, 0.3346,
0.3247

 36.7399, 0.3613,
0.3189


 92.6402, 0.3483,
0.3218

 25.0061, 0.3680,
0.3174


119.4548, 0.3454,
0.3224

 16.0816, 0.3768,
0.3153


151.0004, 0.3429,
0.3230

 9.5819, 0.3890,
0.3123

187.6617, 0.3408,
0.3234

 5.1227, 0.4068,
0.3078

229.8230, 0.3389,
0.3238

 2.3194, 0.4353,
0.3001

277.8686, 0.3373,

 0.7840, 0.4967,

0.3241

0.2887

332.1829, 0.3359,
0.3244

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6672, 0.3560,
0.3201

51.6672, 0.3560,
0.3201

42.5588, 0.3816,
0.3162

62.4528, 0.3353,
0.3239

35.0365, 0.4128,
0.3126

74.9865, 0.3186,
0.3276

29.0114, 0.4497,
0.3096

89.3438, 0.3052,
0.3309

24.3831, 0.4916,
0.3080

95.9012, 0.2988,
0.3290

■ 21.0386, 0.5356,
0.3085

■ 18.8475, 0.5769,
0.3117

■ 17.6511, 0.6095,
0.3173

■ 17.2714, 0.6234,
0.3208

Harmonies

Analogous

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



51.6672, 0.3296, 0.2983



51.6672, 0.3560, 0.3201



51.6672, 0.3705, 0.3448

Triad

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



51.6672, 0.3560, 0.3201



51.6672, 0.3238, 0.3794



51.6672, 0.2595, 0.2887

Complementary

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



51.6672, 0.3560, 0.3201



72.3453, 0.2816, 0.3382

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.



51.6672, 0.2582, 0.3087



51.6672, 0.3560, 0.3201



51.6672, 0.2944, 0.3629

Square

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



51.6672, 0.3560, 0.3201



51.6672, 0.3511, 0.3803



51.6672, 0.2707, 0.3361



51.6672, 0.2742, 0.2803

Rectangle

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



51.6672, 0.3560, 0.3201



51.6672, 0.3711, 0.3602



51.6672, 0.2707, 0.3361



51.6672, 0.2575, 0.2942

Sweetspot

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



51.6696, 0.3560, 0.3201



88.1884, 0.3231, 0.3265



52.6642, 0.3087, 0.2677



18.6691, 0.3240, 0.3263



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.



51.6696, 0.3560, 0.3201



58.1157, 0.3681, 0.3182



59.5987, 0.3580, 0.3511



14.4013, 0.3270, 0.3257



9.5963, 0.6205, 0.3192



0.7197, 0.5858, 0.3001

Inverse Universe

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



51.6696, 0.3560, 0.3201



58.1157, 0.3681, 0.3182



62.3543, 0.2752, 0.3058



14.4013, 0.3270, 0.3257



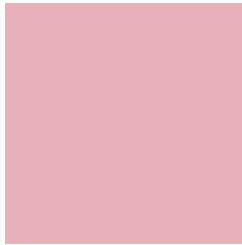
9.5963, 0.6205, 0.3192



0.7197, 0.5858, 0.3001

Previews

White Background



This preview shows how the Yxy color 51.6672, 0.3560, 0.3201 looks on a white background.

Color Contrast Check

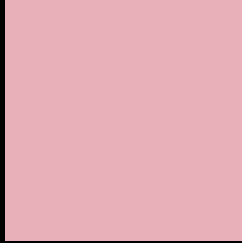
Large Text (above 18pt) WCAG AA × Fail

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 51.6672, 0.3560, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

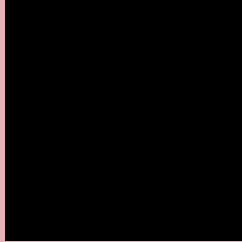
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6672, 0.3560, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 51.6672, 0.3560, 0.3201.



This preview shows how white text looks on a background with the Yxy color 51.6672, 0.3560, 0.3201.

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

51.6672, 0.3560, 0.3201

Protanopia

52.1020, 0.3145, 0.3265

Deuteranopia

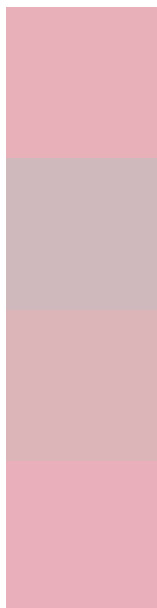
51.6554, 0.3384, 0.3315



Tritanopia

51.6577, 0.3526, 0.3134

Trichromacy



Original Color

51.6672, 0.3560, 0.3201

Protanomaly

51.7819, 0.3290, 0.3242

Deuteranomaly

51.5267, 0.3442, 0.3267

Tritanomaly

51.5714, 0.3544, 0.3156

Monochromacy



Original Color

51.6672, 0.3560, 0.3201

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.6683, 0.3280, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6672, 0.3560, 0.3201 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(232, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 184)  
}
```

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(232, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.6672, 0.3560, 0.3201 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(232, 176, 184) }
```

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

```
.border{ border-color:rgb(232, 176, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6672, 0.3560, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 184) }
```

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

```
.background{ background-color: rgb(232,  
176, 184) }
```

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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