

Converting Colors

$Yxy(51.6803, 0.3654, 0.3382)$

Have a look what the booklet for
Yxy(51.6803, 0.3654, 0.3382)
contains.

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Color

Yxy(51.5661, 0.3662, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	E6B2AA
RGB	230, 178, 170
RGB Percent	90%, 70%, 67%
CMY	0.0979, 0.3020, 0.3333
CMYK	0.00, 0.23, 0.26, 0.10
HSL	8°, 55%, 78%
HSV	8°, 26%, 90%
XYZ	55.8188, 51.5661, 45.0422
YIQ	192.6360, 33.5600, 8.5360

Conversions

Conversions Part 2

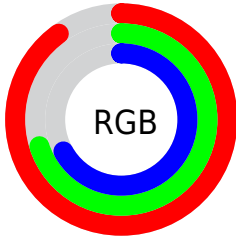
Format	Color
R _Y B	230, 179, 170
Decimal	15119018
CIE Lab	77.02, 17.76, 11.36
CIE LCh	77, 21.084, 32.597
Yxy	51.5661, 0.3662, 0.3383
Android (android.graphics.Color)	4293309098 (0xFFE6B2AA)
YUV	192.6360, -11.1595, 32.7682
Hunter-Lab	71.8095, 13.0845, 13.0773

Details

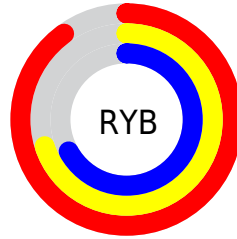
The Yxy color **51.5661, 0.3662, 0.3383** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.5329, 0.2737, 0.3195**, and the grayscale version is **53.1584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5419, 0.3329, 0.3380**, and **24.8595, 0.3805, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **43.4053, 0.3952, 0.3421**, and if you desaturate by 10%, it is **61.0378, 0.3423, 0.3346**.

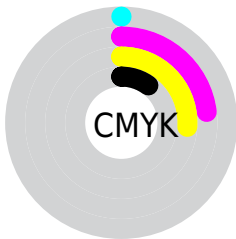
Distribution



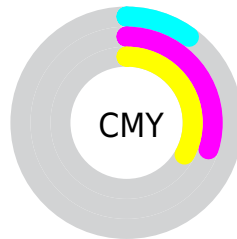
- Red (90%)
- Green (70%)
- Blue (67%)



- Red (90%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5661, 0.3662, 0.3383 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 51.5661, 0.3662, 0.3383 by changing the saturation by 10% instead.


 51.5661, 0.3662,
0.3383

 51.5661, 0.3662,
0.3383


392.7592, 0.3397,
0.3343

 36.6593, 0.3727,
0.3391


 92.4910, 0.3566,
0.3370

 24.9438, 0.3811,
0.3401


119.2780, 0.3530,
0.3364

 16.0352, 0.3921,
0.3412


150.7937, 0.3499,
0.3360

 9.5491, 0.4073,
0.3423

187.4228, 0.3473,
0.3355

 5.1010, 0.4295,
0.3434

229.5494, 0.3450,
0.3352

 2.3067, 0.4646,
0.3435

277.5581, 0.3430,

 0.7772, 0.5948,

0.3348

0.3797

331.8333, 0.3412,
0.3345

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.5661, 0.3662,
0.3383

51.5661, 0.3662,
0.3383

43.4053, 0.3952,
0.3421

61.0378, 0.3423,
0.3346

36.4908, 0.4298,
0.3456

71.8671, 0.3228,
0.3310

30.7630, 0.4698,
0.3483

84.1074, 0.3069,
0.3278

26.1549, 0.5135,
0.3497

95.5696, 0.2976,
0.3290

■ 22.5924, 0.5573,
0.3490

■ 19.9928, 0.5954,
0.3457

■ 18.2601, 0.6222,
0.3401

■ 17.7889, 0.6297,
0.3382

Harmonies

Analogous

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



51.5661, 0.3488, 0.3147



51.5661, 0.3662, 0.3383



51.5661, 0.3684, 0.3608

Triad

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



51.5661, 0.3662, 0.3383



51.5661, 0.3020, 0.3668



51.5661, 0.2709, 0.2830

Complementary

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



51.5661, 0.3662, 0.3383



66.5329, 0.2737, 0.3195

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.



51.5661, 0.2598, 0.2942



51.5661, 0.3662, 0.3383



51.5661, 0.2772, 0.3428

Square

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



51.5661, 0.3662, 0.3383



51.5661, 0.3306, 0.3791



51.5661, 0.2620, 0.3158



51.5661, 0.2931, 0.2836

Rectangle

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



51.5661, 0.3662, 0.3383



51.5661, 0.3611, 0.3723



51.5661, 0.2620, 0.3158



51.5661, 0.2658, 0.2854

Sweetspot

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



51.5685, 0.3662, 0.3383



87.9852, 0.3263, 0.3317



50.9098, 0.3214, 0.2712



18.3764, 0.3291, 0.3322



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.



51.5685, 0.3662, 0.3383



59.7069, 0.3802, 0.3402



64.3702, 0.3581, 0.3704



14.6755, 0.3289, 0.3322



10.1670, 0.6279, 0.3396



0.8511, 0.6050, 0.3578

Inverse Universe

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



66.5329, 0.2737, 0.3195



81.4376, 0.2667, 0.3174



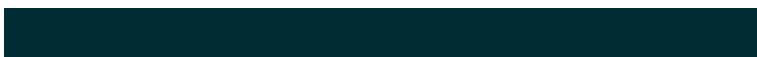
52.4093, 0.2703, 0.2837



15.9921, 0.2982, 0.3258



26.5958, 0.2129, 0.2865



2.0565, 0.2148, 0.2933

Previews

White Background



This preview shows how the Yxy color 51.5661, 0.3662, 0.3383 looks on a white background.

Color Contrast Check

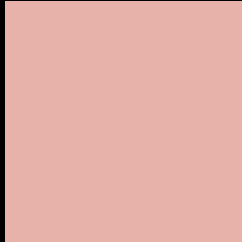
Large Text (above 18pt) WCAG AA × Fail

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 51.5661, 0.3662, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

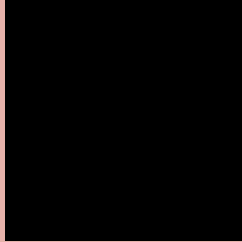
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5661, 0.3662, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 51.5661, 0.3662, 0.3383.



This preview shows how white text looks on a background with the Yxy color 51.5661, 0.3662, 0.3383.

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

51.5661, 0.3662, 0.3383

Protanopia

51.8318, 0.3294, 0.3465

Deuteranopia

51.8973, 0.3538, 0.3470



Tritanopia

51.4899, 0.3517, 0.3134

Trichromacy



Original Color

51.5661, 0.3662, 0.3383

Protanomaly

51.7291, 0.3421, 0.3436

Deuteranomaly

51.8501, 0.3587, 0.3444

Tritanomaly

51.4170, 0.3568, 0.3223

Monochromacy



Original Color

51.5661, 0.3662, 0.3383

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5910, 0.3302, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5661, 0.3662, 0.3383 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, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 170)  
}
```

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, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 170) }
```

Border

The CSS property to change the border of an element to Yxy 51.5661, 0.3662, 0.3383 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, 178, 170) }
```

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

```
.border{ border-color:rgb(230, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5661, 0.3662, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 170) }
```

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

```
.background{ background-color: rgb(230,  
178, 170) }
```

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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