

# Converting Colors

$Yxy(60.6558, 0.3488, 0.3291)$

Have a look what the booklet for  
Yxy(60.6558, 0.3488, 0.3291)  
contains.

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# Color

**Yxy(60.6558, 0.3488, 0.3291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC2C2
RGB	238, 194, 194
RGB Percent	93%, 76%, 76%
CMY	0.0667, 0.2392, 0.2392
CMYK	0.00, 0.18, 0.18, 0.07
HSL	360°, 56%, 85%
HSV	360°, 18%, 93%
XYZ	64.2867, 60.6558, 59.3656
YIQ	207.1560, 26.2240, 9.3280

# Conversions

## Conversions Part 2

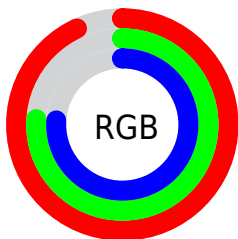
Format	Color
R <sub>Y</sub> B	238, 194, 194
Decimal	15647426
CIE Lab	82.19, 15.65, 5.91
CIE LCh	82, 16.730, 20.688
Yxy	60.6558, 0.3488, 0.3291
Android (android.graphics.Color)	4293837506 (0xFFEEC2C2)
YUV	207.1560, -6.4859, 27.0502
Hunter-Lab	77.8818, 11.0476, 9.3233

# Details

The Yxy color **60.6558, 0.3488, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7834, 0.2850, 0.3289**, and the grayscale version is **62.5339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1565, 0.3158, 0.3300**, and **30.4734, 0.3582, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **49.9141, 0.3756, 0.3292**, and if you desaturate by 10%, it is **73.2705, 0.3274, 0.3290**.

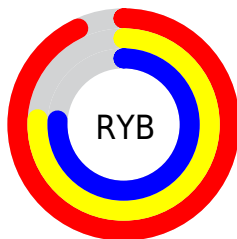
# Distribution



Red (93%)

Green (76%)

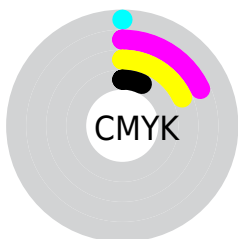
Blue (76%)



Red (93%)

Yellow (76%)

Blue (76%)

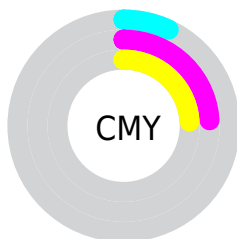


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (24%)


Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6558, 0.3488, 0.3291 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 60.6558, 0.3488, 0.3291 by changing the saturation by 10% instead.





 60.6558, 0.3488,  
0.3291

 60.6558, 0.3488,  
0.3291


427.0108, 0.3314,  
0.3293

 43.9474, 0.3529,  
0.3290

 105.7804, 0.3426,  
0.3292

 30.6292, 0.3582,  
0.3288


134.9654, 0.3403,  
0.3292

 20.3167, 0.3649,  
0.3286


169.0782, 0.3383,  
0.3293

 12.6254, 0.3740,  
0.3282

208.5030, 0.3365,  
0.3293

 7.1711, 0.3869,  
0.3274

253.6242, 0.3350,  
0.3293

 3.5694, 0.4067,  
0.3258

304.8264, 0.3337,

 1.4357, 0.4403,

0.3293

362.4938, 0.3325,  
0.3293

0.3221

0.2428, 0.7162,  
0.2838

0.0000, 0.0000,  
0.0000

60.6558, 0.3488,  
0.3291

60.6558, 0.3488,  
0.3291

49.9141, 0.3756,  
0.3292

73.2705, 0.3274,  
0.3290

40.9485, 0.4086,  
0.3293

87.8328, 0.3104,  
0.3290

33.6658, 0.4485,  
0.3294

96.9147, 0.3023,  
0.3290

27.9611, 0.4943,  
0.3295

■ 23.7176, 0.5427,  
0.3297

■ 20.8026, 0.5874,  
0.3298

■ 19.0591, 0.6207,  
0.3299

■ 18.2613, 0.6381,  
0.3300

■ 18.1747, 0.6401,  
0.3300

# Harmonies

## Analogous

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



60.6558, 0.3323, 0.3117



60.6558, 0.3488, 0.3291



60.6558, 0.3553, 0.3471

# Triad

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



60.6558, 0.3488, 0.3291



60.6558, 0.3134, 0.3620



60.6558, 0.2765, 0.2966

# Complementary

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



60.6558, 0.3488, 0.3291



78.7834, 0.2850, 0.3289

# 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.



60.6558, 0.2719, 0.3087



60.6558, 0.3488, 0.3291



60.6558, 0.2928, 0.3471

# Square

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



60.6558, 0.3488, 0.3291



60.6558, 0.3344, 0.3670



60.6558, 0.2778, 0.3272



60.6558, 0.2905, 0.2932



# Rectangle

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



60.6558, 0.3488, 0.3291



60.6558, 0.3529, 0.3571



60.6558, 0.2778, 0.3272



60.6558, 0.2738, 0.2997

# Sweetspot

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



60.6586, 0.3488, 0.3291



89.6772, 0.3229, 0.3290



62.8085, 0.3143, 0.2831



18.9650, 0.3241, 0.3290



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.



60.6586, 0.3488, 0.3291



66.1799, 0.3578, 0.3291



70.8062, 0.3447, 0.3519



15.7589, 0.3293, 0.3290



10.1410, 0.6401, 0.3300



0.8436, 0.6400, 0.3300



# Inverse Universe

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



60.6586, 0.3488, 0.3291



66.1799, 0.3578, 0.3291



67.1301, 0.2836, 0.3050



15.7589, 0.3293, 0.3290



10.1410, 0.6401, 0.3300

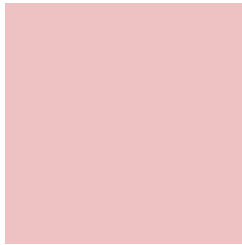


0.8436, 0.6400, 0.3300



# Previews

## White Background



This preview shows how the Yxy color 60.6558, 0.3488, 0.3291 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

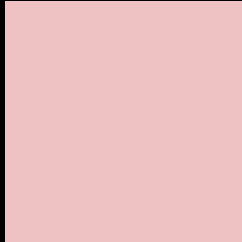
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.6558, 0.3488, 0.3291 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

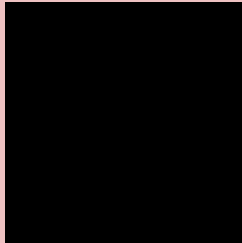
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.6558, 0.3488, 0.3291**

## Background



This preview shows how black text looks on a background with the Yxy color 60.6558, 0.3488, 0.3291.

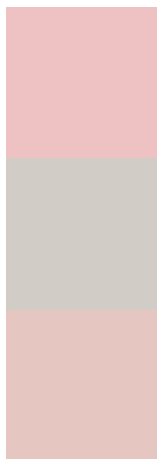


This preview shows how white text looks on a background with the Yxy color 60.6558, 0.3488, 0.3291.

# 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

60.6558, 0.3488, 0.3291

### Protanopia

61.0109, 0.3209, 0.3348

### Deuteranopia

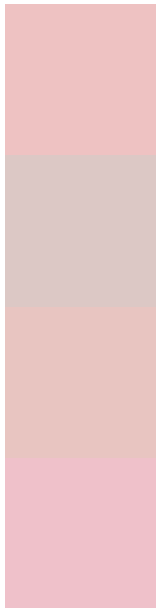
60.8964, 0.3415, 0.3347



## Tritanopia

60.7295, 0.3404, 0.3130

# Trichromacy



## Original Color

60.6558, 0.3488, 0.3291

## Protanomaly

60.5554, 0.3308, 0.3325

## Deuteranomaly

60.9386, 0.3441, 0.3335

## Tritanomaly

60.7549, 0.3434, 0.3194

# Monochromacy



## Original Color

60.6558, 0.3488, 0.3291

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

61.4108, 0.3252, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.6558, 0.3488, 0.3291 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(238, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 194)  
}
```

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(238, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 60.6558, 0.3488, 0.3291 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(238, 194, 194) }
```

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

```
.border{ border-color:rgb(238, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.6558, 0.3488, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 194) }
```

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

```
.background{ background-color: rgb(238,  
194, 194) }
```

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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