

Converting Colors

$Yxy(64.0658, 0.3508, 0.3478)$

Have a look what the booklet for
Yxy(64.0658, 0.3508, 0.3478)
contains.

Yxy(63.9192, 0.3508, 0.3478)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.9192, 0.3508, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	EBCBBA
RGB	235, 203, 186
RGB Percent	92%, 80%, 73%
CMY	0.0786, 0.2038, 0.2706
CMYK	0.00, 0.14, 0.21, 0.08
HSL	21°, 55%, 83%
HSV	21°, 21%, 92%
XYZ	64.4705, 63.9192, 55.3917
YIQ	210.6300, 24.5290, 1.4970

Conversions

Conversions Part 2

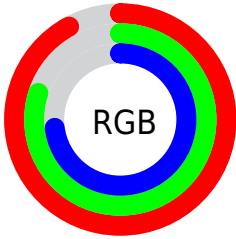
Format	Color
R _Y B	235, 212, 186
Decimal	15453114
CIE Lab	83.92, 8.61, 12.62
CIE LCh	84, 15.281, 55.701
Yxy	63.9192, 0.3508, 0.3478
Android (android.graphics.Color)	4293643194 (0xFFEBCBBA)
YUV	210.6300, -12.1426, 21.3725
Hunter-Lab	79.9495, 4.0292, 14.8865

Details

The Yxy color **63.9192, 0.3508, 0.3478** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5478, 0.2803, 0.3094**, and the grayscale version is **64.9534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **32.7721, 0.3606, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **56.1170, 0.3741, 0.3574**, and if you desaturate by 10%, it is **72.6074, 0.3309, 0.3385**.

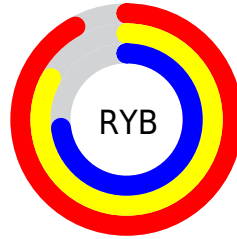
Distribution



Red (92%)

Green (80%)

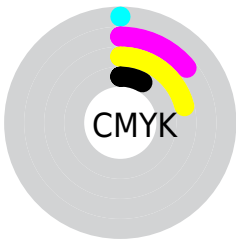
Blue (73%)



Red (92%)

Yellow (83%)

Blue (73%)

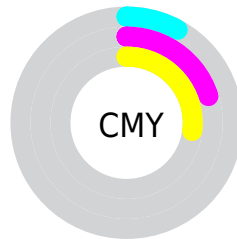


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (20%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9192, 0.3508, 0.3478 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 63.9192, 0.3508, 0.3478 by changing the saturation by 10% instead.


 63.9192, 0.3508,
0.3478

 63.9192, 0.3508,
0.3478


438.8978, 0.3326,
0.3392

 46.5852, 0.3551,
0.3498


 110.4946, 0.3444,
0.3448

 32.7079, 0.3604,
0.3521


140.5047, 0.3419,
0.3437

 21.9028, 0.3673,
0.3552


175.5091, 0.3398,
0.3426

 13.7855, 0.3765,
0.3590

215.8921, 0.3380,
0.3418

 7.9716, 0.3894,
0.3642

262.0381, 0.3364,
0.3410

 4.0768, 0.4086,
0.3713

314.3314, 0.3350,

 1.7166, 0.4408,

0.3403

0.3821

373.1565, 0.3338,
0.3397

0.4344, 0.5892,
0.4108

0.0000, 0.0000,
0.0000

63.9192, 0.3508,
0.3478

63.9192, 0.3508,
0.3478

56.1170, 0.3741,
0.3574

72.6074, 0.3309,
0.3385

49.1633, 0.4010,
0.3669

82.2003, 0.3140,
0.3297

43.0309, 0.4316,
0.3757

92.6306, 0.3005,
0.3230

37.6873, 0.4651,
0.3827

96.3961, 0.3005,
0.3290

■ 33.0979, 0.5002,
0.3867

■ 29.2250, 0.5343,
0.3864

■ 26.0267, 0.5644,
0.3811

■ 23.6422, 0.5866,
0.3724

Harmonies

Analogous

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



63.9192, 0.3467, 0.3319



63.9192, 0.3508, 0.3478



63.9192, 0.3443, 0.3594

Triad

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



63.9192, 0.3508, 0.3478



63.9192, 0.2921, 0.3424



63.9192, 0.2956, 0.2971

Complementary

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



63.9192, 0.3508, 0.3478



66.5478, 0.2803, 0.3094

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.



63.9192, 0.2817, 0.2988



63.9192, 0.3508, 0.3478



63.9192, 0.2798, 0.3245

Square

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



63.9192, 0.3508, 0.3478



63.9192, 0.3101, 0.3568



63.9192, 0.2760, 0.3086



63.9192, 0.3144, 0.3033

Rectangle

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



63.9192, 0.3508, 0.3478



63.9192, 0.3350, 0.3628



63.9192, 0.2760, 0.3086



63.9192, 0.2902, 0.2967

Sweetspot

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



63.9221, 0.3508, 0.3478



92.8495, 0.3224, 0.3342



57.8684, 0.3277, 0.2938



19.7122, 0.3235, 0.3348



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.



63.9221, 0.3508, 0.3478



72.8280, 0.3603, 0.3519



76.0316, 0.3458, 0.3728



15.9104, 0.3284, 0.3372



13.3778, 0.5838, 0.3747



1.2247, 0.5571, 0.3958

Inverse Universe

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



66.5478, 0.2803, 0.3094



76.5157, 0.2737, 0.3049



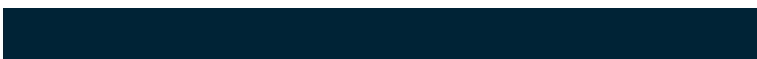
55.0891, 0.2784, 0.2811



16.1893, 0.2981, 0.3206



16.3219, 0.1920, 0.2112



1.4604, 0.1971, 0.2294

Previews

White Background



This preview shows how the Yxy color 63.9192, 0.3508, 0.3478 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 63.9192, 0.3508, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

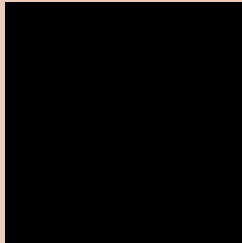
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9192, 0.3508, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 63.9192, 0.3508, 0.3478.



This preview shows how white text looks on a background with the Yxy color 63.9192, 0.3508, 0.3478.

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

63.9192, 0.3508, 0.3478

Protanopia

64.1805, 0.3339, 0.3519

Deuteranopia

63.9634, 0.3535, 0.3466



Tritanopia

63.8790, 0.3323, 0.3130

Trichromacy



Original Color

63.9192, 0.3508, 0.3478

Protanomaly

64.1038, 0.3397, 0.3505

Deuteranomaly

63.7908, 0.3527, 0.3466

Tritanomaly

63.6727, 0.3391, 0.3248

Monochromacy



Original Color

63.9192, 0.3508, 0.3478

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5917, 0.3261, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9192, 0.3508, 0.3478 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(235, 203, 186)` looks like.

```
.text, #text, p{  
    color:rgb(235, 203, 186)  
}
```

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(235, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 203, 186) }
```

Border

The CSS property to change the border of an element to Yxy 63.9192, 0.3508, 0.3478 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(235, 203, 186) }
```

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

```
.border{ border-color:rgb(235, 203, 186) }
```

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

Here you see how a box with a 4 pixel rgb(235, 203, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 203, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 203, 186);  
box-shadow:4px 4px 4px 4px rgb(235, 203,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9192, 0.3508, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 203, 186) }
```

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

```
.background{ background-color: rgb(235,  
203, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor