

Converting Colors

$Yxy(63.0284, 0.3598, 0.3623)$

Have a look what the booklet for
Yxy(63.0284, 0.3598, 0.3623)
contains.

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Color

Yxy(63.0526, 0.3593, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	E9CBAD
RGB	233, 203, 173
RGB Percent	91%, 80%, 68%
CMY	0.0861, 0.2040, 0.3215
CMYK	0.00, 0.13, 0.26, 0.09
HSL	30°, 58%, 80%
HSV	30°, 26%, 91%
XYZ	62.5132, 63.0526, 48.4204
YIQ	208.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

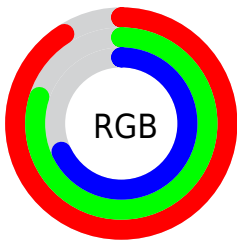
Format	Color
R _Y B	233, 233, 173
Decimal	15322029
CIE Lab	83.47, 6.07, 18.84
CIE LCh	83, 19.797, 72.130
Yxy	63.0526, 0.3593, 0.3624
Android (android.graphics.Color)	4293512109 (0xFFE9CBAD)
YUV	208.5500, -17.5261, 21.4427
Hunter-Lab	79.4057, 1.5668, 19.4298

Details

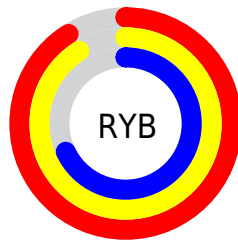
The Yxy color **63.0526, 0.3593, 0.3624** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.5149, 0.2717, 0.2931**, and the grayscale version is **63.5596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **32.2225, 0.3709, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **56.9262, 0.3818, 0.3760**, and if you desaturate by 10%, it is **69.7568, 0.3393, 0.3490**.

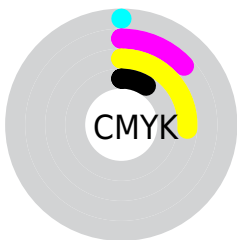
Distribution



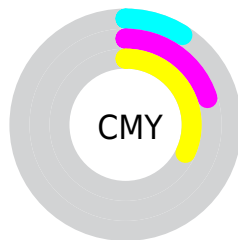
- Red (91%)
- Green (80%)
- Blue (68%)



- Red (91%)
- Yellow (91%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (9%)




- Cyan (9%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0526, 0.3593, 0.3624 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 63.0526, 0.3593, 0.3624 by changing the saturation by 10% instead.


 63.0526, 0.3593,
0.3624

 63.0526, 0.3593,
0.3624

435.7604, 0.3371,
0.3469

 45.8838, 0.3645,
0.3659


 109.2454, 0.3515,
0.3570

 32.1541, 0.3710,
0.3703


139.0381, 0.3485,
0.3549

 21.4792, 0.3794,
0.3758


173.8076, 0.3459,
0.3531

 13.4748, 0.3904,
0.3829

213.9383, 0.3437,
0.3515

 7.7563, 0.4057,
0.3923

259.8145, 0.3417,
0.3502

 3.9394, 0.4279,
0.4052

311.8207, 0.3400,

 1.6397, 0.4795,

0.3489

370.3411, 0.3385,
0.3478

0.4385

0.3842, 0.5720,
0.4280

0.0000, 0.0000,
0.0000

63.0526, 0.3593,
0.3624

63.0526, 0.3593,
0.3624

56.9262, 0.3818,
0.3760

69.7568, 0.3393,
0.3490

51.3517, 0.4066,
0.3891

77.0464, 0.3218,
0.3361

46.3137, 0.4333,
0.4008

84.9401, 0.3065,
0.3240

41.7926, 0.4611,
0.4100

92.7077, 0.2994,
0.3237

■ 37.7672, 0.4884,
0.4153

■ 96.0698, 0.2994,
0.3290

■ 34.2140, 0.5136,
0.4156

■ 31.1059, 0.5349,
0.4103

■ 29.9069, 0.5431,
0.4070

Harmonies

Analogous

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



63.0526, 0.3618, 0.3441



63.0526, 0.3593, 0.3624



63.0526, 0.3440, 0.3727

Triad

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



63.0526, 0.3593, 0.3624



63.0526, 0.2761, 0.3336



63.0526, 0.3032, 0.2912

Complementary

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



63.0526, 0.3593, 0.3624



57.5149, 0.2717, 0.2931

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.



63.0526, 0.2812, 0.2874



63.0526, 0.3593, 0.3624



63.0526, 0.2660, 0.3108

Square

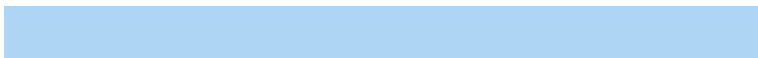
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0526, 0.3593, 0.3624



63.0526, 0.2958, 0.3562



63.0526, 0.2679, 0.2942



63.0526, 0.3287, 0.3039

Rectangle

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



63.0526, 0.3593, 0.3624



63.0526, 0.3289, 0.3729



63.0526, 0.2679, 0.2942



63.0526, 0.2952, 0.2888

Sweetspot

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



63.0555, 0.3593, 0.3624



92.4113, 0.3256, 0.3390



51.5859, 0.3398, 0.2947



19.4858, 0.3282, 0.3409



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.



63.0555, 0.3593, 0.3624



73.2107, 0.3711, 0.3698



78.0813, 0.3518, 0.3923



16.2969, 0.3280, 0.3408



17.2119, 0.5407, 0.4089



1.5440, 0.5194, 0.4258

Inverse Universe

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



57.5149, 0.2717, 0.2931



65.3125, 0.2628, 0.2843



45.0521, 0.2684, 0.2567



15.7950, 0.2981, 0.3169



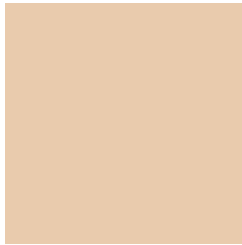
10.7586, 0.1773, 0.1582



1.0372, 0.1842, 0.1832

Previews

White Background



This preview shows how the Yxy color 63.0526, 0.3593, 0.3624 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 63.0526, 0.3593, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

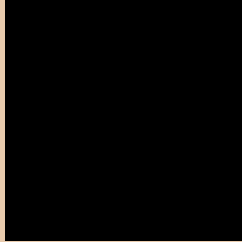
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0526, 0.3593, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 63.0526, 0.3593, 0.3624.



This preview shows how white text looks on a background with the Yxy color 63.0526, 0.3593, 0.3624.

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

63.0526, 0.3593, 0.3624

Protanopia

63.2670, 0.3452, 0.3670

Deuteranopia

62.8898, 0.3651, 0.3575



Tritanopia

62.9137, 0.3333, 0.3119

Trichromacy



Original Color

63.0526, 0.3593, 0.3624

Protanomaly

63.0459, 0.3504, 0.3654

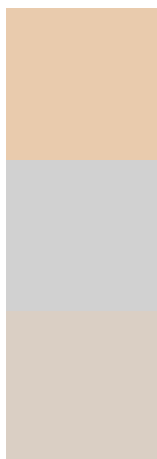
Deuteranomaly

62.8338, 0.3623, 0.3588

Tritanomaly

62.7569, 0.3431, 0.3302

Monochromacy



Original Color

63.0526, 0.3593, 0.3624

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5166, 0.3290, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0526, 0.3593, 0.3624 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(233, 203, 173)` looks like.

```
.text, #text, p{  
    color:rgb(233, 203, 173)  
}
```

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(233, 203, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 203, 173) }
```

Border

The CSS property to change the border of an element to Yxy 63.0526, 0.3593, 0.3624 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(233, 203, 173) }
```

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

```
.border{ border-color:rgb(233, 203, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 203, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 203, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 203, 173); box-shadow:4px 4px 4px 4px rgb(233, 203, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0526, 0.3593, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 203, 173) }
```

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

```
.background{ background-color: rgb(233,  
203, 173) }
```

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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