

Converting Colors

Yxy(64.6212, 0.3403, 0.3504)

Have a look what the booklet for
Yxy(64.6212, 0.3403, 0.3504)
contains.

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Color

Yxy(64.7934, 0.3396, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	E1D0BD
RGB	225, 208, 189
RGB Percent	88%, 82%, 74%
CMY	0.1175, 0.1843, 0.2589
CMYK	0.00, 0.08, 0.16, 0.12
HSL	32°, 38%, 81%
HSV	32°, 16%, 88%
XYZ	62.7963, 64.7934, 57.3229
YIQ	210.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

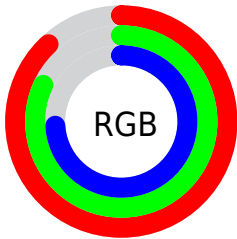
Format	Color
R _Y B	221, 225, 189
Decimal	14799037
CIE Lab	84.38, 2.82, 11.57
CIE LCh	84, 11.910, 76.303
Yxy	64.7934, 0.3396, 0.3504
Android (android.graphics.Color)	4292989117 (0xFFE1D0BD)
YUV	210.9170, -10.8051, 12.3508
Hunter-Lab	80.4943, -1.6113, 14.1235

Details

The Yxy color **64.7934, 0.3396, 0.3504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3956, 0.2876, 0.3066**, and the grayscale version is **65.1509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **33.3238, 0.3454, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **58.8838, 0.3593, 0.3645**, and if you desaturate by 10%, it is **71.2077, 0.3222, 0.3368**.

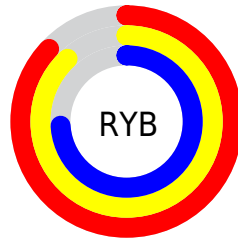
Distribution



Red (88%)

Green (82%)

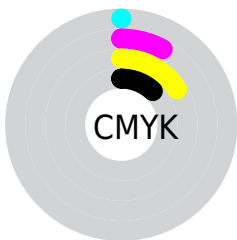
Blue (74%)



Red (87%)

Yellow (88%)

Blue (74%)

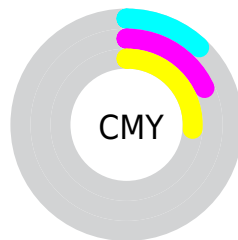


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (12%)



Cyan (12%)

Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7934, 0.3396, 0.3504 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 64.7934, 0.3396, 0.3504 by changing the saturation by 10% instead.


 64.7934, 0.3396,
0.3504

 64.7934, 0.3396,
0.3504


442.0492, 0.3269,
0.3404

 47.2936, 0.3426,
0.3527


 111.7528, 0.3351,
0.3469

 33.2678, 0.3463,
0.3556


141.9811, 0.3334,
0.3455

 22.3317, 0.3511,
0.3593


177.2211, 0.3319,
0.3444

 14.1008, 0.3575,
0.3641

217.8571, 0.3306,
0.3434

 8.1908, 0.3663,
0.3708

264.2735, 0.3295,
0.3425

 4.2173, 0.3795,
0.3804

316.8547, 0.3285,

 1.7958, 0.4008,

0.3417

0.3956

375.9851, 0.3276,
0.3410

0.4846, 0.5221,
0.4779

0.0000, 0.0000,
0.0000

64.7934, 0.3396,
0.3504

64.7934, 0.3396,
0.3504

58.8838, 0.3593,
0.3645

71.2077, 0.3222,
0.3368

53.4565, 0.3813,
0.3788

78.1310, 0.3069,
0.3240

48.5000, 0.4054,
0.3926

85.4832, 0.2943,
0.3136

43.9988, 0.4312,
0.4049

91.9210, 0.2946,
0.3244

■ 39.9364, 0.4576,
0.4146

■ 94.7522, 0.2946,
0.3289

■ 36.2949, 0.4835,
0.4205

■ 33.0545, 0.5071,
0.4213

■ 30.1918, 0.5271,
0.4167

■ 29.1466, 0.5344,
0.4139

Harmonies

Analogous

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



64.7934, 0.3421, 0.3401



64.7934, 0.3396, 0.3504



64.7934, 0.3298, 0.3552

Triad

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



64.7934, 0.3396, 0.3504



64.7934, 0.2894, 0.3300



64.7934, 0.3093, 0.3067

Complementary

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



64.7934, 0.3396, 0.3504



60.3956, 0.2876, 0.3066

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.



64.7934, 0.2955, 0.3038



64.7934, 0.3396, 0.3504



64.7934, 0.2842, 0.3168

Square

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



64.7934, 0.3396, 0.3504



64.7934, 0.3008, 0.3433



64.7934, 0.2864, 0.3073



64.7934, 0.3244, 0.3153

Rectangle

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



64.7934, 0.3396, 0.3504



64.7934, 0.3206, 0.3543



64.7934, 0.2864, 0.3073



64.7934, 0.3044, 0.3051

Sweetspot

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



64.7963, 0.3396, 0.3504



95.4238, 0.3206, 0.3355



56.8703, 0.3289, 0.3095



20.2899, 0.3217, 0.3364



0.0000, 0.0000, 0.0000



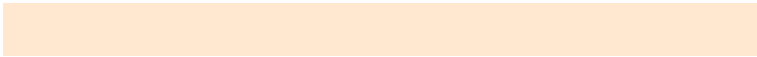
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.7963, 0.3396, 0.3504



83.5225, 0.3455, 0.3548



73.4548, 0.3363, 0.3687



14.8918, 0.3279, 0.3414



17.0268, 0.5321, 0.4157



1.3592, 0.5100, 0.4332

Inverse Universe

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



60.3956, 0.2876, 0.3066



76.6989, 0.2825, 0.3018



52.7122, 0.2872, 0.2861



14.3055, 0.2981, 0.3163



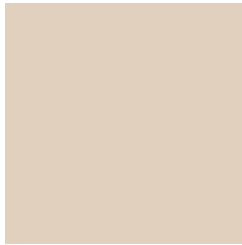
9.3343, 0.1748, 0.1493



0.8253, 0.1828, 0.1782

Previews

White Background



This preview shows how the Yxy color 64.7934, 0.3396, 0.3504 looks on a white background.

Color Contrast Check

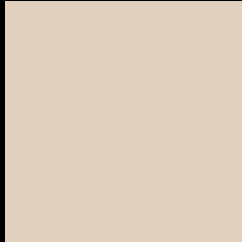
Large Text (above 18pt) WCAG AA × Fail

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 64.7934, 0.3396, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

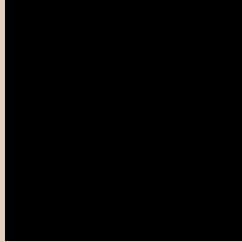
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7934, 0.3396, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 64.7934, 0.3396, 0.3504.



This preview shows how white text looks on a background with the Yxy color 64.7934, 0.3396, 0.3504.

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

64.7934, 0.3396, 0.3504

Protanopia

64.8710, 0.3338, 0.3518

Deuteranopia

64.6067, 0.3502, 0.3432



Tritanopia

64.9582, 0.3211, 0.3128

Trichromacy



Original Color

64.7934, 0.3396, 0.3504

Protanomaly

64.6908, 0.3355, 0.3505

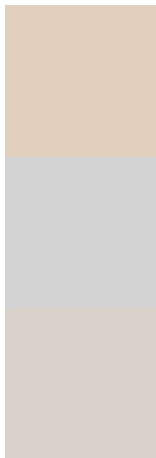
Deuteranomaly

64.7040, 0.3457, 0.3456

Tritanomaly

64.7107, 0.3283, 0.3258

Monochromacy



Original Color

64.7934, 0.3396, 0.3504

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0039, 0.3221, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7934, 0.3396, 0.3504 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(225, 208, 189)` looks like.

```
.text, #text, p{  
    color:rgb(225, 208, 189)  
}
```

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(225, 208, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 208, 189) }
```

Border

The CSS property to change the border of an element to Yxy 64.7934, 0.3396, 0.3504 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(225, 208, 189) }
```

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

```
.border{ border-color:rgb(225, 208, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 208, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 208, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 208, 189);  
box-shadow:4px 4px 4px 4px rgb(225, 208,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7934, 0.3396, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 208, 189) }
```

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

```
.background{ background-color: rgb(225,  
208, 189) }
```

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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