

Converting Colors

Yxy(64.9033, 0.3449, 0.3559)

Have a look what the booklet for
Yxy(64.9033, 0.3449, 0.3559)
contains.

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Color

Yxy(64.9033, 0.3449, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	E3D0B8
RGB	227, 208, 184
RGB Percent	89%, 82%, 72%
CMY	0.1096, 0.1844, 0.2784
CMYK	0.00, 0.08, 0.19, 0.11
HSL	33°, 43%, 81%
HSV	33°, 19%, 89%
XYZ	62.8973, 64.9033, 54.5633
YIQ	210.9450, 19.0280, -3.4360

Conversions

Conversions Part 2

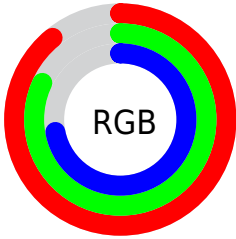
Format	Color
RYB	218, 227, 184
Decimal	14930104
CIELab	84.43, 2.81, 14.30
CIELCh	84, 14.577, 78.889
Yxy	64.9033, 0.3449, 0.3559
Android (android.graphics.Color)	4293120184 (0xFFE3D0B8)
YUV	210.9450, -13.2839, 14.0802
Hunter-Lab	80.5626, -1.6249, 16.2380

Details

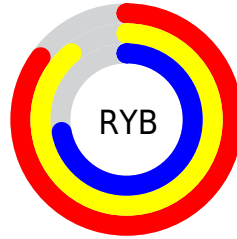
The Yxy color **64.9033, 0.3449, 0.3559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4820, 0.2827, 0.3005**, and the grayscale version is **65.1883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **33.4078, 0.3524, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **59.2816, 0.3649, 0.3709**, and if you desaturate by 10%, it is **70.9944, 0.3270, 0.3414**.

Distribution



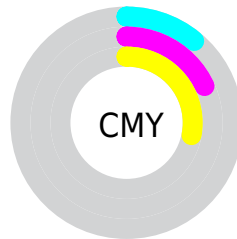
- Red (89%)
- Green (82%)
- Blue (72%)



- Red (85%)
- Yellow (89%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9033, 0.3449, 0.3559 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 64.9033, 0.3449, 0.3559 by changing the saturation by 10% instead.


 64.9033, 0.3449,
0.3559

 64.9033, 0.3449,
0.3559


442.4444, 0.3297,
0.3433

 47.3827, 0.3485,
0.3588


 111.9108, 0.3395,
0.3515

 33.3383, 0.3529,
0.3624


142.1665, 0.3375,
0.3498

 22.3857, 0.3586,
0.3670


177.4360, 0.3357,
0.3483

 14.1406, 0.3662,
0.3730

218.1037, 0.3342,
0.3471

 8.2185, 0.3766,
0.3813

264.5540, 0.3328,
0.3459

 4.2351, 0.3920,
0.3931

317.1713, 0.3317,

 1.8059, 0.4181,

0.3450

0.4128

376.3399, 0.3306,
0.3441

0.4909, 0.5216,
0.4784

0.0000, 0.0000,
0.0000

64.9033, 0.3449,
0.3559

64.9033, 0.3449,
0.3559

59.2816, 0.3649,
0.3709

70.9944, 0.3270,
0.3414

54.1076, 0.3871,
0.3858

77.5584, 0.3112,
0.3276

49.3704, 0.4109,
0.3999

84.6101, 0.2972,
0.3147

45.0554, 0.4359,
0.4123

90.8174, 0.2957,
0.3221

■ 41.1467, 0.4611,
0.4216

■ 95.0784, 0.2958,
0.3290

■ 37.6270, 0.4850,
0.4268

■ 34.4767, 0.5062,
0.4267

■ 31.6689, 0.5239,
0.4214

■ 31.3925, 0.5257,
0.4208

Harmonies

Analogous

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



64.9033, 0.3489, 0.3437



64.9033, 0.3449, 0.3559



64.9033, 0.3322, 0.3612

Triad

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



64.9033, 0.3449, 0.3559



64.9033, 0.2835, 0.3286



64.9033, 0.3101, 0.3026

Complementary

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



64.9033, 0.3449, 0.3559



58.4820, 0.2827, 0.3005

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.



64.9033, 0.2929, 0.2983



64.9033, 0.3449, 0.3559



64.9033, 0.2779, 0.3127

Square

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



64.9033, 0.3449, 0.3559



64.9033, 0.2967, 0.3453



64.9033, 0.2813, 0.3018



64.9033, 0.3284, 0.3134

Rectangle

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



64.9033, 0.3449, 0.3559



64.9033, 0.3207, 0.3597



64.9033, 0.2813, 0.3018



64.9033, 0.3040, 0.3004

Sweetspot

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



64.9062, 0.3449, 0.3559



94.8070, 0.3222, 0.3373



54.9523, 0.3336, 0.3073



20.1746, 0.3232, 0.3382



0.0000, 0.0000, 0.0000



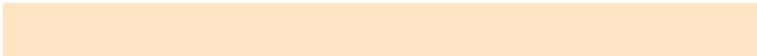
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9062, 0.3449, 0.3559



81.3175, 0.3530, 0.3622



74.4150, 0.3396, 0.3763



15.6933, 0.3278, 0.3421



18.5363, 0.5237, 0.4224



1.5543, 0.5043, 0.4378

Inverse Universe

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



58.4820, 0.2827, 0.3005



71.4147, 0.2757, 0.2934



50.2919, 0.2830, 0.2774



14.9322, 0.2981, 0.3156



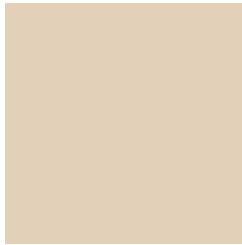
8.8315, 0.1721, 0.1397



0.8353, 0.1800, 0.1678

Previews

White Background



This preview shows how the Yxy color 64.9033, 0.3449, 0.3559 looks on a white background.

Color Contrast Check

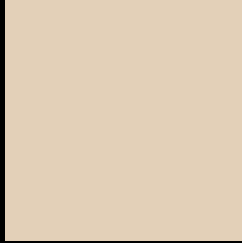
Large Text (above 18pt) WCAG AA × Fail

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 64.9033, 0.3449, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

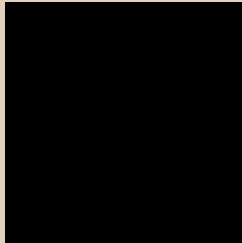
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

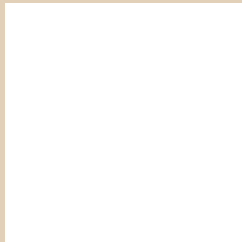
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9033, 0.3449, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 64.9033, 0.3449, 0.3559.



This preview shows how white text looks on a background with the Yxy color 64.9033, 0.3449, 0.3559.

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

64.9033, 0.3449, 0.3559

Protanopia

64.8116, 0.3382, 0.3575

Deuteranopia

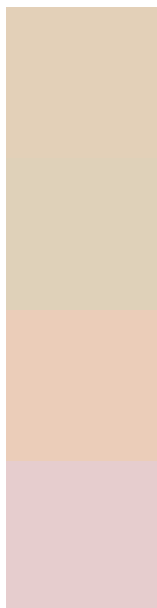
64.7399, 0.3557, 0.3486



Tritanopia

64.9822, 0.3235, 0.3118

Trichromacy



Original Color

64.9033, 0.3449, 0.3559

Protanomaly

64.7917, 0.3408, 0.3562

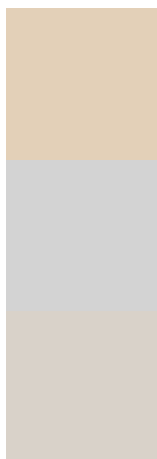
Deuteranomaly

64.8276, 0.3512, 0.3510

Tritanomaly

64.9419, 0.3313, 0.3280

Monochromacy



Original Color

64.9033, 0.3449, 0.3559

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0619, 0.3243, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9033, 0.3449, 0.3559 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(227, 208, 184)` looks like.

```
.text, #text, p{  
    color:rgb(227, 208, 184)  
}
```

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(227, 208, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 208, 184) }
```

Border

The CSS property to change the border of an element to Yxy 64.9033, 0.3449, 0.3559 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(227, 208, 184) }
```

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

```
.border{ border-color:rgb(227, 208, 184) }
```

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

Here you see how a box with a 4 pixel rgb(227, 208, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 208, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 208, 184);  
box-shadow:4px 4px 4px 4px rgb(227, 208,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9033, 0.3449, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 208, 184) }
```

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

```
.background{ background-color: rgb(227,  
208, 184) }
```

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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