

Converting Colors

$Yxy(66.0409, 0.3348, 0.3458)$

Have a look what the booklet for
Yxy(66.0409, 0.3348, 0.3458)
contains.

Yxy(66.0409, 0.3348, 0.3458)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.0409, 0.3348, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	E1D2C3
RGB	225, 210, 195
RGB Percent	88%, 82%, 76%
CMY	0.1178, 0.1764, 0.2353
CMYK	0.00, 0.07, 0.13, 0.12
HSL	30°, 33%, 82%
HSV	30°, 13%, 88%
XYZ	63.9401, 66.0409, 60.9990
YIQ	212.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

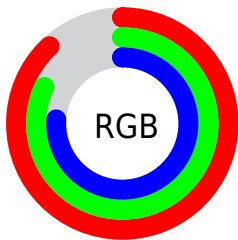
Format	Color
R _Y B	225, 225, 195
Decimal	14799555
CIE Lab	85.02, 2.69, 9.29
CIE LCh	85, 9.675, 73.863
Yxy	66.0409, 0.3348, 0.3458
Android (android.graphics.Color)	4292989635 (0xFFE1D2C3)
YUV	212.7750, -8.7631, 10.7213
Hunter-Lab	81.2656, -1.7701, 12.3820

Details

The Yxy color **66.0409, 0.3348, 0.3458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1000, 0.2920, 0.3116**, and the grayscale version is **66.4331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **34.2461, 0.3410, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **59.7533, 0.3541, 0.3592**, and if you desaturate by 10%, it is **72.8762, 0.3179, 0.3331**.

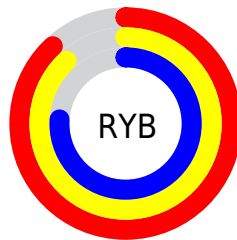
Distribution



Red (88%)

Green (82%)

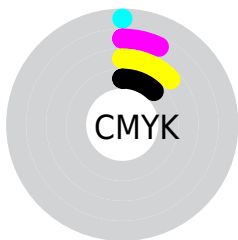
Blue (76%)



Red (88%)

Yellow (88%)

Blue (76%)

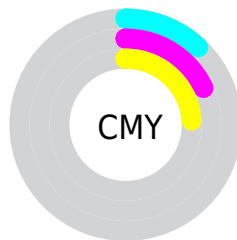


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0409, 0.3348, 0.3458 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 66.0409, 0.3348, 0.3458 by changing the saturation by 10% instead.

■ 66.0409, 0.3348,
0.3458

■ 66.0409, 0.3348,
0.3458

446.5231, 0.3244,
0.3379

■ 48.3056, 0.3372,
0.3476

113.5450, 0.3311,
0.3431

■ 34.0690, 0.3403,
0.3499

144.0827, 0.3297,
0.3420

■ 22.9466, 0.3442,
0.3527

179.6565, 0.3285,
0.3411

■ 14.5541, 0.3494,
0.3565

220.6510, 0.3275,
0.3403

■ 8.5070, 0.3566,
0.3617

267.4505, 0.3265,
0.3396

■ 4.4211, 0.3672,
0.3693

320.4395, 0.3257,

■ 1.9118, 0.3847,

0.3390

380.0022, 0.3250,
0.3384

0.3812

0.5554, 0.5166,
0.4834

0.0000, 0.0000,
0.0000

66.0409, 0.3348,
0.3458

66.0409, 0.3348,
0.3458

59.7533, 0.3541,
0.3592

72.8762, 0.3179,
0.3331

53.9898, 0.3759,
0.3728

80.2646, 0.3031,
0.3211

48.7379, 0.4001,
0.3861

87.7311, 0.2944,
0.3175

43.9812, 0.4263,
0.3983

94.6788, 0.2946,
0.3288

■ 39.7021, 0.4537,
0.4083

■ 94.7429, 0.2946,
0.3289

■ 35.8817, 0.4812,
0.4147

■ 32.4991, 0.5069,
0.4164

■ 29.5306, 0.5293,
0.4127

■ 27.7603, 0.5422,
0.4077

Harmonies

Analogous

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



66.0409, 0.3362, 0.3373



66.0409, 0.3348, 0.3458



66.0409, 0.3274, 0.3500

Triad

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



66.0409, 0.3348, 0.3458



66.0409, 0.2945, 0.3308



66.0409, 0.3090, 0.3106

Complementary

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



66.0409, 0.3348, 0.3458



63.1000, 0.2920, 0.3116

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.



66.0409, 0.2980, 0.3086



66.0409, 0.3348, 0.3458



66.0409, 0.2898, 0.3200

Square

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



66.0409, 0.3348, 0.3458



66.0409, 0.3041, 0.3413



66.0409, 0.2910, 0.3120



66.0409, 0.3212, 0.3172

Rectangle

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



66.0409, 0.3348, 0.3458



66.0409, 0.3201, 0.3496



66.0409, 0.2910, 0.3120



66.0409, 0.3051, 0.3093

Sweetspot

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



66.0438, 0.3348, 0.3458



96.1573, 0.3190, 0.3339



59.6799, 0.3255, 0.3124



20.4298, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



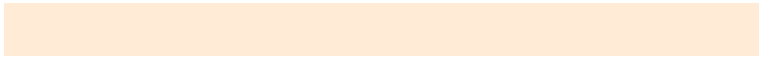
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0438, 0.3348, 0.3458



85.3419, 0.3399, 0.3495



73.7771, 0.3326, 0.3619



14.8300, 0.3279, 0.3408



16.2353, 0.5398, 0.4096



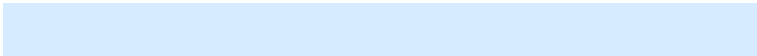
1.3044, 0.5163, 0.4282

Inverse Universe

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



63.1000, 0.2920, 0.3116



80.7053, 0.2875, 0.3076



56.0601, 0.2915, 0.2939



14.3671, 0.2981, 0.3169



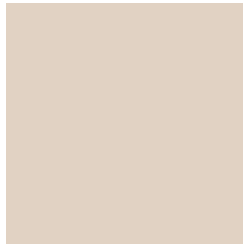
10.0724, 0.1772, 0.1579



0.8772, 0.1850, 0.1859

Previews

White Background



This preview shows how the Yxy color 66.0409, 0.3348, 0.3458 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 66.0409, 0.3348, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

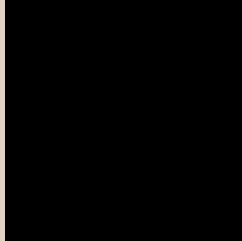
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0409, 0.3348, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 66.0409, 0.3348, 0.3458.



This preview shows how white text looks on a background with the Yxy color 66.0409, 0.3348, 0.3458.

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

66.0409, 0.3348, 0.3458

Protanopia

66.2881, 0.3299, 0.3470

Deuteranopia

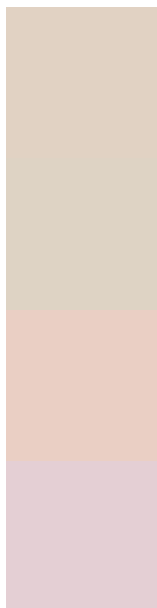
65.9989, 0.3459, 0.3388



Tritanopia

66.0746, 0.3188, 0.3118

Trichromacy



Original Color

66.0409, 0.3348, 0.3458

Protanomaly

66.1036, 0.3316, 0.3459

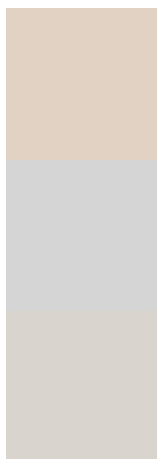
Deuteranomaly

66.1036, 0.3416, 0.3411

Tritanomaly

65.8731, 0.3251, 0.3236

Monochromacy



Original Color

66.0409, 0.3348, 0.3458

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2949, 0.3206, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0409, 0.3348, 0.3458 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, 210, 195)` looks like.

```
.text, #text, p{  
    color:rgb(225, 210, 195)  
}
```

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, 210, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 195) }
```

Border

The CSS property to change the border of an element to Yxy 66.0409, 0.3348, 0.3458 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, 210, 195) }
```

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

```
.border{ border-color:rgb(225, 210, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 210, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 210, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 210, 195); box-shadow:4px 4px 4px 4px rgb(225, 210, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0409, 0.3348, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 195) }
```

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

```
.background{ background-color: rgb(225,  
210, 195) }
```

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