

Converting Colors

Yxy(65.1136, 0.3397, 0.3480)

Have a look what the booklet for
Yxy(65.1136, 0.3397, 0.3480)
contains.

Yxy(65.2042, 0.3397, 0.3480)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.2042, 0.3397, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	E3D0BF
RGB	227, 208, 191
RGB Percent	89%, 82%, 75%
CMY	0.1096, 0.1844, 0.2510
CMYK	0.00, 0.08, 0.16, 0.11
HSL	28°, 39%, 82%
HSV	28°, 16%, 89%
XYZ	63.6490, 65.2042, 58.5151
YIQ	211.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

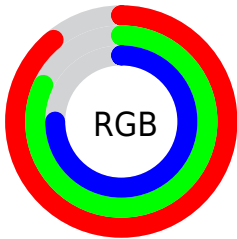
Format	Color
R _Y B	227, 223, 191
Decimal	14930111
CIE Lab	84.59, 3.87, 10.82
CIE LCh	85, 11.496, 70.327
Yxy	65.2042, 0.3397, 0.3480
Android (android.graphics.Color)	4293120191 (0xFFE3D0BF)
YUV	211.7430, -10.2263, 13.3804
Hunter-Lab	80.7491, -0.6115, 13.5597

Details

The Yxy color **65.2042, 0.3397, 0.3480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7426, 0.2879, 0.3092**, and the grayscale version is **65.7244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **33.6041, 0.3455, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **58.6515, 0.3599, 0.3607**, and if you desaturate by 10%, it is **72.3605, 0.3220, 0.3358**.

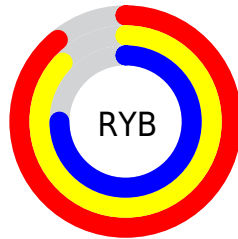
Distribution



Red (89%)

Green (82%)

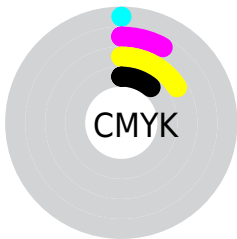
Blue (75%)



Red (89%)

Yellow (87%)

Blue (75%)

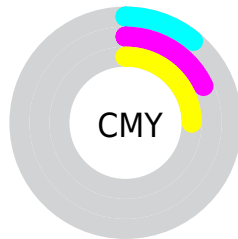


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2042, 0.3397, 0.3480 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 65.2042, 0.3397, 0.3480 by changing the saturation by 10% instead.


 65.2042, 0.3397,
0.3480

 65.2042, 0.3397,
0.3480


443.5254, 0.3269,
0.3391

 47.6267, 0.3427,
0.3500


 112.3434, 0.3352,
0.3449

 33.5313, 0.3464,
0.3526

142.6738, 0.3335,
0.3437

 22.5338, 0.3512,
0.3558


178.0240, 0.3320,
0.3427

 14.2496, 0.3576,
0.3600

218.7784, 0.3307,
0.3418

 8.2945, 0.3665,
0.3658

265.3214, 0.3296,
0.3410

 4.2840, 0.3798,
0.3742

318.0372, 0.3286,

 1.8336, 0.4013,

0.3403

0.3871

377.3105, 0.3277,
0.3397

0.5080, 0.5319,
0.4681

0.0000, 0.0000,
0.0000

65.2042, 0.3397,
0.3480

65.2042, 0.3397,
0.3480

58.6515, 0.3599,
0.3607

72.3605, 0.3220,
0.3358

52.6769, 0.3829,
0.3736

80.1278, 0.3067,
0.3244

47.2655, 0.4084,
0.3860

88.2571, 0.2957,
0.3179

42.3985, 0.4361,
0.3970

95.0791, 0.2958,
0.3290

■ 38.0558, 0.4650,
0.4055

■ 34.2156, 0.4937,
0.4102

■ 30.8538, 0.5202,
0.4099

■ 27.9430, 0.5427,
0.4040

■ 26.8618, 0.5511,
0.4006

Harmonies

Analogous

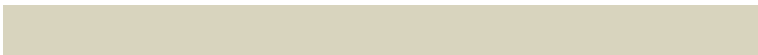
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.2042, 0.3405, 0.3374



65.2042, 0.3397, 0.3480



65.2042, 0.3315, 0.3538

Triad

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



65.2042, 0.3397, 0.3480



65.2042, 0.2921, 0.3327



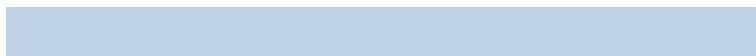
65.2042, 0.3066, 0.3065

Complementary

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



65.2042, 0.3397, 0.3480



62.7426, 0.2879, 0.3092

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.



65.2042, 0.2939, 0.3049



65.2042, 0.3397, 0.3480



65.2042, 0.2857, 0.3196

Square

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



65.2042, 0.3397, 0.3480



65.2042, 0.3040, 0.3450



65.2042, 0.2864, 0.3095



65.2042, 0.3212, 0.3138

Rectangle

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



65.2042, 0.3397, 0.3480



65.2042, 0.3231, 0.3540



65.2042, 0.2864, 0.3095



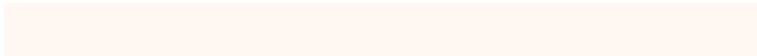
65.2042, 0.3020, 0.3053

Sweetspot

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



65.2071, 0.3397, 0.3480



94.9810, 0.3206, 0.3348



58.2610, 0.3274, 0.3077



20.1823, 0.3218, 0.3357



0.0000, 0.0000, 0.0000



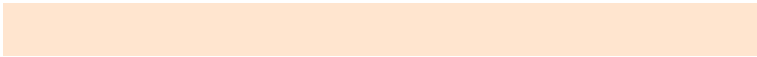
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2071, 0.3397, 0.3480



81.9978, 0.3460, 0.3521



74.4105, 0.3367, 0.3671



15.4828, 0.3281, 0.3401



15.8879, 0.5487, 0.4025



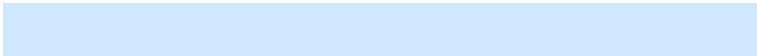
1.3588, 0.5249, 0.4214

Inverse Universe

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



62.7426, 0.2879, 0.3092



78.2239, 0.2827, 0.3048



54.4081, 0.2870, 0.2879



15.1420, 0.2981, 0.3176



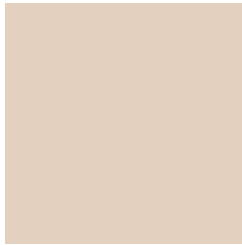
11.3027, 0.1800, 0.1678



1.0209, 0.1870, 0.1931

Previews

White Background



This preview shows how the Yxy color 65.2042, 0.3397, 0.3480 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 65.2042, 0.3397, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

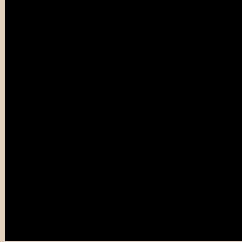
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

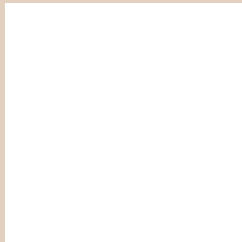
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2042, 0.3397, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 65.2042, 0.3397, 0.3480.



This preview shows how white text looks on a background with the Yxy color 65.2042, 0.3397, 0.3480.

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

65.2042, 0.3397, 0.3480

Protanopia

64.9590, 0.3323, 0.3495

Deuteranopia

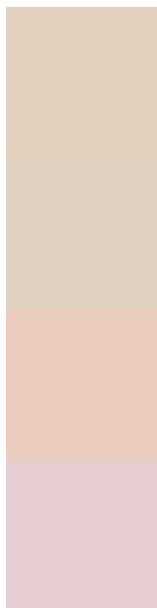
65.3422, 0.3492, 0.3421



Tritanopia

65.3420, 0.3219, 0.3118

Trichromacy



Original Color

65.2042, 0.3397, 0.3480

Protanomaly

64.9363, 0.3348, 0.3482

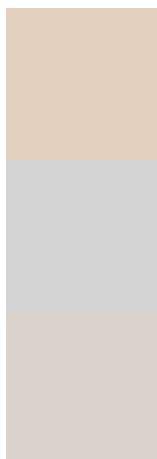
Deuteranomaly

65.1306, 0.3458, 0.3433

Tritanomaly

65.0891, 0.3291, 0.3247

Monochromacy



Original Color

65.2042, 0.3397, 0.3480

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.6999, 0.3221, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2042, 0.3397, 0.3480 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 208, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 208, 191) }
```

Border

The CSS property to change the border of an element to Yxy 65.2042, 0.3397, 0.3480 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, 191) }
```

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

```
.border{ border-color:rgb(227, 208, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 208, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 208, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 208,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2042, 0.3397, 0.3480 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, 191) }
```

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

```
.background{ background-color: rgb(227,  
208, 191) }
```

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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