

Converting Colors

Yxy(65.4150, 0.3374, 0.3421)

Have a look what the booklet for
Yxy(65.4150, 0.3374, 0.3421)
contains.

Yxy(65.5913, 0.3367, 0.3424)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.5913, 0.3367, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	E4D0C4
RGB	228, 208, 196
RGB Percent	89%, 82%, 77%
CMY	0.1061, 0.1842, 0.2315
CMYK	0.00, 0.09, 0.14, 0.11
HSL	23°, 37%, 83%
HSV	23°, 14%, 89%
XYZ	64.4994, 65.5913, 61.4727
YIQ	212.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

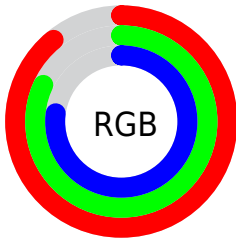
Format	Color
R _Y B	228, 215, 196
Decimal	14995652
CIE Lab	84.79, 4.95, 8.47
CIE LCh	85, 9.814, 59.688
Yxy	65.5913, 0.3367, 0.3424
Android (android.graphics.Color)	4293185732 (0xFFE4D0C4)
YUV	212.6120, -8.1897, 13.4953
Hunter-Lab	80.9885, 0.4280, 11.6890

Details

The Yxy color **65.5913, 0.3367, 0.3424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3910, 0.2910, 0.3152**, and the grayscale version is **66.3116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **33.8349, 0.3426, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **58.0139, 0.3573, 0.3526**, and if you desaturate by 10%, it is **73.9526, 0.3191, 0.3327**.

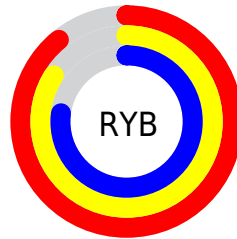
Distribution



Red (89%)

Green (82%)

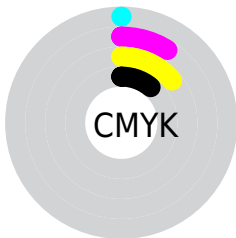
Blue (77%)



Red (89%)

Yellow (84%)

Blue (77%)

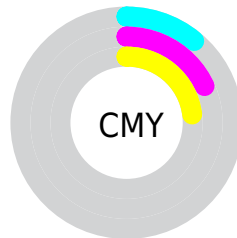


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (11%)



Cyan (11%)


Magenta (18%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5913, 0.3367, 0.3424 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 65.5913, 0.3367, 0.3424 by changing the saturation by 10% instead.


 65.5913, 0.3367,
0.3424

 65.5913, 0.3367,
0.3424

444.9138, 0.3253,
0.3362

 47.9407, 0.3394,
0.3438


112.8995, 0.3327,
0.3402

 33.7799, 0.3427,
0.3456


143.3260, 0.3312,
0.3394

 22.7246, 0.3470,
0.3478


178.7798, 0.3298,
0.3387

 14.3903, 0.3527,
0.3508

219.6454, 0.3287,
0.3380

 8.3926, 0.3606,
0.3548

266.3073, 0.3277,
0.3375

 4.3472, 0.3724,
0.3605

319.1497, 0.3268,

 1.8696, 0.3919,

0.3370

0.3694

378.5570, 0.3260,
0.3366

■ 0.5300, 0.5410,
0.4590

■ 0.0000, 0.0000,
0.0000

■ 65.5913, 0.3367,
0.3424

■ 65.5913, 0.3367,
0.3424

■ 58.0139, 0.3573,
0.3526

■ 73.9526, 0.3191,
0.3327

■ 51.1883, 0.3812,
0.3630

■ 83.1112, 0.3040,
0.3237

■ 45.0930, 0.4086,
0.3731

■ 92.4734, 0.2963,
0.3246

■ 39.7020, 0.4391,
0.3822

■ 95.2249, 0.2964,
0.3290

■ 34.9876, 0.4720,
0.3890

■ 30.9200, 0.5056,
0.3925

■ 27.4668, 0.5374,
0.3912

■ 24.5915, 0.5646,
0.3847

■ 23.1254, 0.5784,
0.3789

Harmonies

Analogous

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



65.5913, 0.3350, 0.3325



65.5913, 0.3367, 0.3424



65.5913, 0.3318, 0.3490

Triad

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



65.5913, 0.3367, 0.3424



65.5913, 0.2983, 0.3361



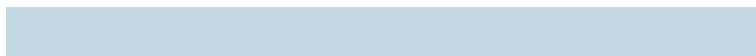
65.5913, 0.3033, 0.3087

Complementary

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



65.5913, 0.3367, 0.3424



66.3910, 0.2910, 0.3152

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.



65.5913, 0.2938, 0.3092



65.5913, 0.3367, 0.3424



65.5913, 0.2909, 0.3248

Square

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



65.5913, 0.3367, 0.3424



65.5913, 0.3096, 0.3455



65.5913, 0.2893, 0.3150



65.5913, 0.3156, 0.3133

Rectangle

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



65.5913, 0.3367, 0.3424



65.5913, 0.3256, 0.3505



65.5913, 0.2893, 0.3150



65.5913, 0.2997, 0.3082

Sweetspot

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



65.5942, 0.3367, 0.3424



95.3719, 0.3191, 0.3327



60.9253, 0.3230, 0.3068



20.2312, 0.3203, 0.3334



0.0000, 0.0000, 0.0000



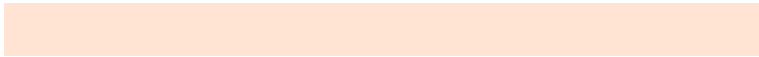
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5942, 0.3367, 0.3424



81.4757, 0.3427, 0.3455



73.6103, 0.3343, 0.3592



15.2536, 0.3283, 0.3379



13.5709, 0.5757, 0.3811



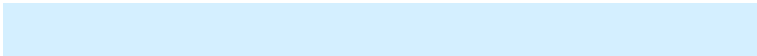
1.1770, 0.5483, 0.4029

Inverse Universe

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



66.3910, 0.2910, 0.3152



82.7007, 0.2861, 0.3119



58.7522, 0.2904, 0.2969



15.3758, 0.2981, 0.3199



14.6533, 0.1892, 0.2009



1.2602, 0.1949, 0.2217

Previews

White Background



This preview shows how the Yxy color 65.5913, 0.3367, 0.3424 looks on a white background.

Color Contrast Check

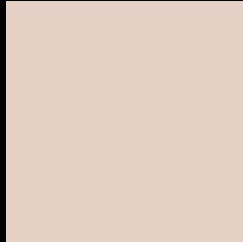
Large Text (above 18pt) WCAG AA × Fail

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 65.5913, 0.3367, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

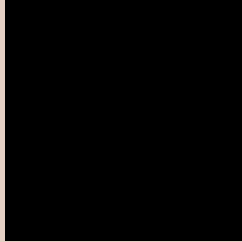
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5913, 0.3367, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 65.5913, 0.3367, 0.3424.



This preview shows how white text looks on a background with the Yxy color 65.5913, 0.3367, 0.3424.

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

65.5913, 0.3367, 0.3424

Protanopia

65.7258, 0.3279, 0.3437

Deuteranopia

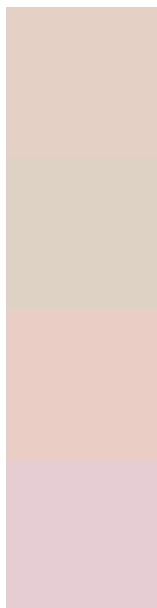
65.3941, 0.3446, 0.3367



Tritanopia

65.3420, 0.3219, 0.3118

Trichromacy



Original Color

65.5913, 0.3367, 0.3424

Protanomaly

65.6540, 0.3310, 0.3436

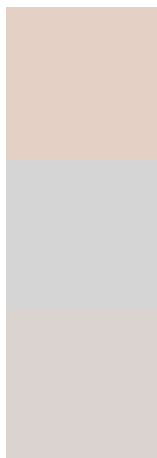
Deuteranomaly

65.1863, 0.3412, 0.3378

Tritanomaly

65.1888, 0.3276, 0.3225

Monochromacy



Original Color

65.5913, 0.3367, 0.3424

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9990, 0.3207, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5913, 0.3367, 0.3424 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(228, 208, 196)` looks like.

```
.text, #text, p{  
    color:rgb(228, 208, 196)  
}
```

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(228, 208, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 208, 196) }
```

Border

The CSS property to change the border of an element to Yxy 65.5913, 0.3367, 0.3424 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(228, 208, 196) }
```

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

```
.border{ border-color:rgb(228, 208, 196) }
```

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

Here you see how a box with a 4 pixel rgb(228, 208, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 208, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 208, 196);  
box-shadow:4px 4px 4px 4px rgb(228, 208,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5913, 0.3367, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 208, 196) }
```

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

```
.background{ background-color: rgb(228,  
208, 196) }
```

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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