

Converting Colors

$Yxy(65.0984, 0.3256, 0.3434)$

Have a look what the booklet for
Yxy(65.0984, 0.3256, 0.3434)
contains.

| | |
|---|----|
| Yxy(65.2647, 0.3256, 0.3438) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(65.2647, 0.3256, 0.3438)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D8D3C6 |
| RGB | 216, 211, 198 |
| RGB Percent | 85%, 83%, 78% |
| CMY | 0.1529, 0.1725, 0.2236 |
| CMYK | 0.00, 0.02, 0.08, 0.15 |
| HSL | 43°, 19%, 81% |
| HSV | 43°, 8%, 85% |
| XYZ | 61.8097, 65.2647, 62.7589 |
| YIQ | 211.0130, 7.1530, -2.9830 |

Conversions

Conversions Part 2

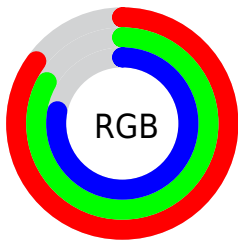
| Format | Color |
|-------------------------------------|--|
| RYB | 205, 216, 198 |
| Decimal | 14209990 |
| CIELab | 84.62, -0.52, 7.04 |
| CIELCh | 85, 7.058, 94.217 |
| Yxy | 65.2647, 0.3256, 0.3438 |
| Android (android.graphics.Color) | 4292400070 (0xFFD8D3C6) |
| YUV | 211.0130, -6.4154, 4.3736 |
| Hunter-Lab | 80.7866, -4.8063, 10.4913 |

Details

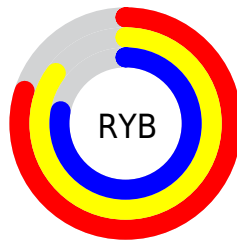
The Yxy color **65.2647, 0.3256, 0.3438** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6810, 0.2999, 0.3138**, and the grayscale version is **65.1930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7046, 0.3287, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **61.4071, 0.3423, 0.3623**, and if you desaturate by 10%, it is **69.3821, 0.3103, 0.3262**.

Distribution



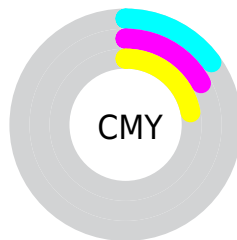
- Red (85%)
- Green (83%)
- Blue (78%)



- Red (80%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2647, 0.3256, 0.3438 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 65.2647, 0.3256, 0.3438 by changing the saturation by 10% instead.

■ 65.2647, 0.3256,
0.3438

■ 65.2647, 0.3256,
0.3438

443.7426, 0.3195,
0.3368

■ 47.6757, 0.3270,
0.3454

112.4303, 0.3235,
0.3413

■ 33.5702, 0.3288,
0.3475

142.7758, 0.3226,
0.3404

■ 22.5636, 0.3311,
0.3501

178.1422, 0.3219,
0.3396

■ 14.2716, 0.3341,
0.3536

218.9140, 0.3213,
0.3389

■ 8.3098, 0.3383,
0.3585

265.4755, 0.3208,
0.3383

■ 4.2938, 0.3445,
0.3657

318.2112, 0.3203,

■ 1.8392, 0.3547,

0.3377

0.3776

377.5054, 0.3199,
0.3372

0.5115, 0.4510,
0.4872

0.0000, 0.0000,
0.0000

65.2647, 0.3256,
0.3438

65.2647, 0.3256,
0.3438

61.4071, 0.3423,
0.3623

69.3821, 0.3103,
0.3262

57.7935, 0.3604,
0.3812

73.7575, 0.2964,
0.3096

54.4192, 0.3794,
0.3999

77.8878, 0.2884,
0.3019

51.2759, 0.3989,
0.4176

81.2761, 0.2886,
0.3083

■ 48.3549, 0.4184,
0.4334

■ 84.7809, 0.2889,
0.3146

■ 45.6463, 0.4368,
0.4461

■ 88.4033, 0.2891,
0.3208

■ 43.1394, 0.4533,
0.4547

■ 92.1445, 0.2894,
0.3270

■ 40.8215, 0.4671,
0.4586

■ 93.3422, 0.2894,
0.3289

■ 38.6746, 0.4779,
0.4577

Harmonies

Analogous

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



65.2647, 0.3297, 0.3396



65.2647, 0.3256, 0.3438



65.2647, 0.3180, 0.3440

Triad

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



65.2647, 0.3256, 0.3438



65.2647, 0.2965, 0.3249



65.2647, 0.3161, 0.3184

Complementary

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



65.2647, 0.3256, 0.3438



59.6810, 0.2999, 0.3138

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.



65.2647, 0.3072, 0.3145



65.2647, 0.3256, 0.3438



65.2647, 0.2960, 0.3181

Square

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



65.2647, 0.3256, 0.3438



65.2647, 0.3013, 0.3329



65.2647, 0.2999, 0.3144



65.2647, 0.3242, 0.3250

Rectangle

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



65.2647, 0.3256, 0.3438



65.2647, 0.3121, 0.3417



65.2647, 0.2999, 0.3144



65.2647, 0.3131, 0.3168

Sweetspot

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



65.2676, 0.3256, 0.3438



98.1652, 0.3173, 0.3343



59.3025, 0.3232, 0.3232



20.9077, 0.3185, 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.



65.2676, 0.3256, 0.3438



94.0174, 0.3284, 0.3470



67.2138, 0.3221, 0.3496



13.9080, 0.3273, 0.3457



22.8736, 0.4784, 0.4583



1.5157, 0.4659, 0.4682

Inverse Universe

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



59.6810, 0.2999, 0.3138



84.2984, 0.2971, 0.3104



57.8849, 0.3028, 0.3080



12.5661, 0.2982, 0.3117



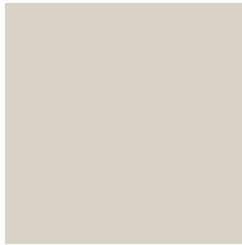
5.0144, 0.1599, 0.0957



0.4417, 0.1695, 0.1303

Previews

White Background



This preview shows how the Yxy color 65.2647, 0.3256, 0.3438 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 65.2647, 0.3256, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

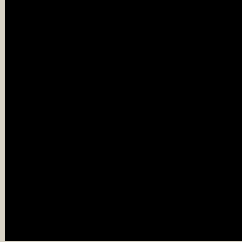
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

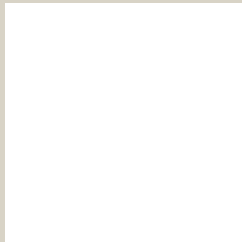
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2647, 0.3256, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 65.2647, 0.3256, 0.3438.

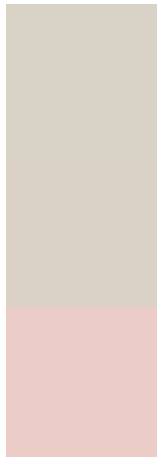


This preview shows how white text looks on a background with the Yxy color 65.2647, 0.3256, 0.3438.

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

65.2647, 0.3256, 0.3438

Protanopia

65.0758, 0.3272, 0.3426

Deuteranopia

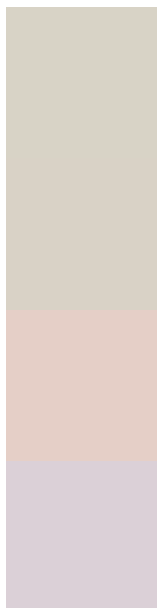
65.1421, 0.3415, 0.3345



Tritanopia

65.2231, 0.3106, 0.3103

Trichromacy



Original Color

65.2647, 0.3256, 0.3438

Protanomaly

64.9221, 0.3265, 0.3426

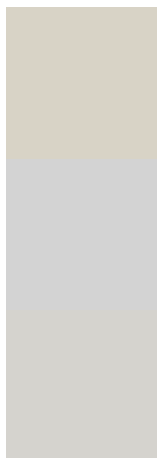
Deuteranomaly

65.4072, 0.3354, 0.3379

Tritanomaly

65.0781, 0.3161, 0.3212

Monochromacy



Original Color

65.2647, 0.3256, 0.3438

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1909, 0.3177, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2647, 0.3256, 0.3438 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(216, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 198)  
}
```

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(216, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 198) }
```

Border

The CSS property to change the border of an element to Yxy 65.2647, 0.3256, 0.3438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

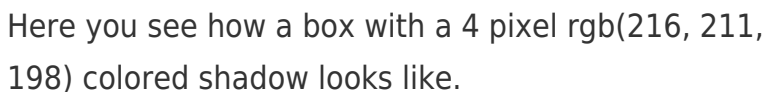
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 211, 198) }
```

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

```
.border{ border-color:rgb(216, 211, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2647, 0.3256, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 198) }
```

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

```
.background{ background-color: rgb(216,  
211, 198) }
```

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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