

Converting Colors

$Yxy(65.1476, 0.3538, 0.3958)$

Have a look what the booklet for
Yxy(65.1476, 0.3538, 0.3958)
contains.

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Color

Yxy(64.9745, 0.3535, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	D7D69D
RGB	215, 214, 157
RGB Percent	84%, 84%, 62%
CMY	0.1570, 0.1607, 0.3844
CMYK	0.00, 0.00, 0.27, 0.16
HSL	59°, 42%, 73%
HSV	59°, 27%, 84%
XYZ	58.1481, 64.9745, 41.3698
YIQ	207.8010, 18.8930, -17.5150

Conversions

Conversions Part 2

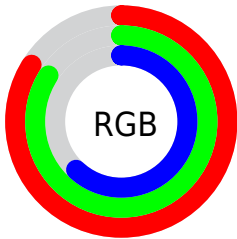
Format	Color
R_{YB}	158, 215, 157
Decimal	14145181
CIE _{Lab}	84.47, -8.60, 28.37
CIE _{LCh}	84, 29.645, 106.872
Yxy	64.9745, 0.3535, 0.3950
Android (android.graphics.Color)	4292335261 (0xFFD7D69D)
YUV	207.8010, -25.0449, 6.3135
Hunter-Lab	80.6068, -12.2956, 25.9953

Details

The Yxy color **64.9745, 0.3535, 0.3950** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.5042, 0.2662, 0.2532**, and the grayscale version is **63.0950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **33.2898, 0.3636, 0.4111** is the 20% darker color. If you saturate the color by 10%, you get **64.1290, 0.3685, 0.4191**, and if you desaturate by 10%, it is **65.9554, 0.3382, 0.3703**.

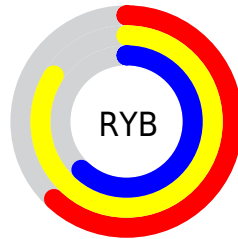
Distribution



Red (84%)

Green (84%)

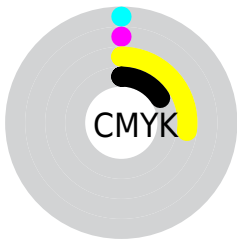
Blue (62%)



Red (62%)

Yellow (84%)

Blue (62%)

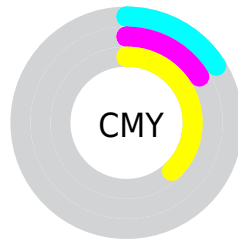


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (16%)



Cyan (16%)


Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9745, 0.3535, 0.3950 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 64.9745, 0.3535, 0.3950 by changing the saturation by 10% instead.


 64.9745, 0.3535,
0.3950


 64.9745, 0.3535,
0.3950

442.7003, 0.3347,
0.3635

 47.4404, 0.3577,
0.4024


 112.0132, 0.3470,
0.3839

 33.3839, 0.3628,
0.4116


 142.2866, 0.3445,
0.3796

 22.4207, 0.3691,
0.4233


177.5752, 0.3423,
0.3760

 14.1664, 0.3770,
0.4387

218.2634, 0.3404,
0.3728

 8.2365, 0.3871,
0.4597

264.7356, 0.3387,
0.3700

 4.2466, 0.3995,
0.4892

317.3763, 0.3372,

 1.8125, 0.4368,

0.3676

0.5632

376.5697, 0.3359,
0.3654

0.4949, 0.3447,
0.6553

0.0000, 0.0000,
0.0000

64.9745, 0.3535,
0.3950

64.9745, 0.3535,
0.3950

64.1290, 0.3685,
0.4191

65.9554, 0.3382,
0.3703

63.4034, 0.3825,
0.4416

67.0692, 0.3230,
0.3457

62.7932, 0.3950,
0.4615

68.3247, 0.3083,
0.3219

62.2902, 0.4055,
0.4779

69.7274, 0.2945,
0.2993

61.8852, 0.4134,
0.4903

70.6573, 0.2871,
0.2875

61.5673, 0.4188,
0.4982

70.8372, 0.2871,
0.2879

61.3224, 0.4216,
0.5022

71.0175, 0.2872,
0.2883

61.2550, 0.4222,
0.5030

71.1982, 0.2872,
0.2887

71.3793, 0.2872,
0.2890

Harmonies

Analogous

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



64.9745, 0.3791, 0.3809



64.9745, 0.3535, 0.3950



64.9745, 0.3178, 0.3899

Triad

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



64.9745, 0.3535, 0.3950



64.9745, 0.2440, 0.2965



64.9745, 0.3419, 0.2964

Complementary

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



64.9745, 0.3535, 0.3950



36.5042, 0.2662, 0.2532

Split Complementary

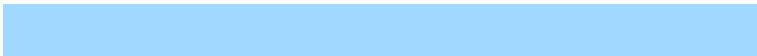
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9745, 0.3041, 0.2764



64.9745, 0.3535, 0.3950



64.9745, 0.2494, 0.2750

Square

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



64.9745, 0.3535, 0.3950



64.9745, 0.2556, 0.3295



64.9745, 0.2707, 0.2685



64.9745, 0.3728, 0.3242

Rectangle

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



64.9745, 0.3535, 0.3950



64.9745, 0.2934, 0.3751



64.9745, 0.2707, 0.2685



64.9745, 0.3294, 0.2886

Sweetspot

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



64.9774, 0.3535, 0.3950



98.5426, 0.3247, 0.3484



41.0196, 0.3697, 0.3280



21.0368, 0.3270, 0.3521



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.



64.9774, 0.3535, 0.3950



94.9649, 0.3616, 0.4080



61.5744, 0.3312, 0.4011



14.4835, 0.3267, 0.3517



36.6679, 0.4222, 0.5030



2.2230, 0.4216, 0.5034

Inverse Universe

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



36.5042, 0.2662, 0.2532



46.7061, 0.2554, 0.2355



39.3310, 0.2894, 0.2568



12.0409, 0.2981, 0.3053



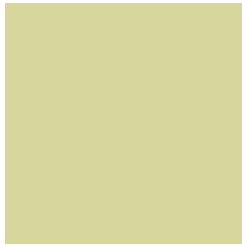
2.9952, 0.1503, 0.0611



0.1924, 0.1513, 0.0647

Previews

White Background



This preview shows how the Yxy color 64.9745, 0.3535, 0.3950 looks on a white background.

Color Contrast Check

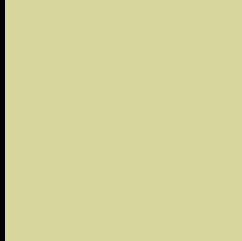
Large Text (above 18pt) WCAG AA × Fail

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 64.9745, 0.3535, 0.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

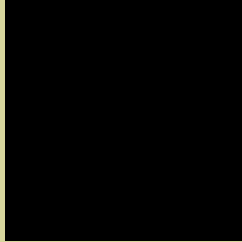
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

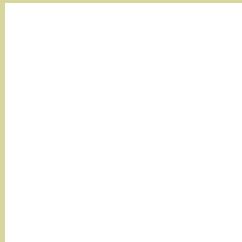
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9745, 0.3535, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 64.9745, 0.3535, 0.3950.



This preview shows how white text looks on a background with the Yxy color 64.9745, 0.3535, 0.3950.

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

64.9745, 0.3535, 0.3950

Protanopia

64.6285, 0.3650, 0.3911

Deuteranopia

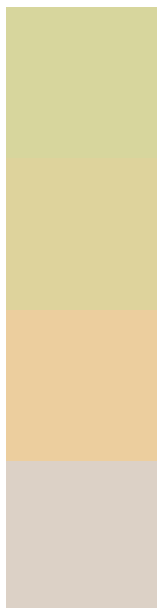
64.7007, 0.3829, 0.3749



Tritanopia

65.1045, 0.3143, 0.3115

Trichromacy



Original Color

64.9745, 0.3535, 0.3950

Protanomaly

64.5184, 0.3607, 0.3917

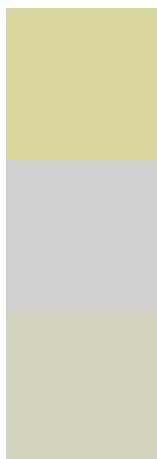
Deuteranomaly

64.4441, 0.3723, 0.3819

Tritanomaly

64.8938, 0.3289, 0.3414

Monochromacy



Original Color

64.9745, 0.3535, 0.3950

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6162, 0.3283, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9745, 0.3535, 0.3950 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(215, 214, 157)` looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 157)  
}
```

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(215, 214, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 157) }
```

Border

The CSS property to change the border of an element to Yxy 64.9745, 0.3535, 0.3950 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(215, 214, 157) }
```

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

```
.border{ border-color:rgb(215, 214, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 157);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9745, 0.3535, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 157) }
```

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

```
.background{ background-color: rgb(215,  
214, 157) }
```

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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