

Converting Colors

Yxy(66.2940, 0.3417, 0.3538)

Have a look what the booklet for
Yxy(66.2940, 0.3417, 0.3538)
contains.

Yxy(66.0549, 0.3415, 0.3536)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.0549, 0.3415, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	E3D2BC
RGB	227, 210, 188
RGB Percent	89%, 82%, 74%
CMY	0.1099, 0.1764, 0.2628
CMYK	0.00, 0.07, 0.17, 0.11
HSL	34°, 41%, 81%
HSV	34°, 17%, 89%
XYZ	63.7945, 66.0549, 56.9574
YIQ	212.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

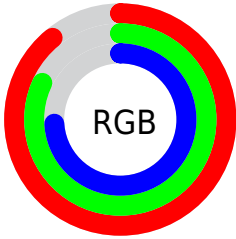
Format	Color
RYB	218, 227, 188
Decimal	14930620
CIELab	85.02, 2.33, 13.03
CIELCh	85, 13.237, 79.881
Yxy	66.0549, 0.3415, 0.3536
Android (android.graphics.Color)	4293120700 (0xFFE3D2BC)
YUV	212.5750, -12.1155, 12.6507
Hunter-Lab	81.2742, -2.1198, 15.3411

Details

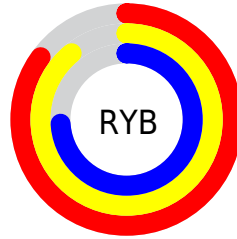
The Yxy color **66.0549, 0.3415, 0.3536** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8711, 0.2856, 0.3031**, and the grayscale version is **66.3138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **34.1841, 0.3479, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **60.4287, 0.3611, 0.3687**, and if you desaturate by 10%, it is **72.1417, 0.3240, 0.3390**.

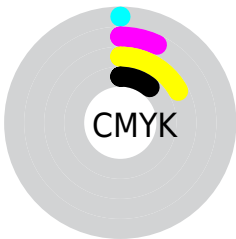
Distribution



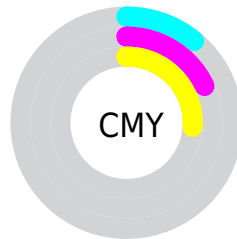
- Red (89%)
- Green (82%)
- Blue (74%)



- Red (85%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0549, 0.3415, 0.3536 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 66.0549, 0.3415, 0.3536 by changing the saturation by 10% instead.


 66.0549, 0.3415,
0.3536

 66.0549, 0.3415,
0.3536


446.5732, 0.3279,
0.3421

 48.3170, 0.3447,
0.3563


 113.5651, 0.3367,
0.3496

 34.0780, 0.3486,
0.3596


144.1062, 0.3349,
0.3480

 22.9535, 0.3537,
0.3637


179.6838, 0.3333,
0.3467

 14.5592, 0.3604,
0.3692

220.6823, 0.3319,
0.3455

 8.5106, 0.3696,
0.3768

267.4861, 0.3308,
0.3445

 4.4234, 0.3832,
0.3877

320.4796, 0.3297,

 1.9131, 0.4050,

0.3436

0.4046

380.0471, 0.3288,
0.3428

0.5562, 0.5128,
0.4872

0.0000, 0.0000,
0.0000

66.0549, 0.3415,
0.3536

66.0549, 0.3415,
0.3536

60.4287, 0.3611,
0.3687

72.1417, 0.3240,
0.3390

55.2417, 0.3827,
0.3839

78.6923, 0.3085,
0.3252

50.4836, 0.4061,
0.3984

85.6511, 0.2955,
0.3134

46.1402, 0.4307,
0.4113

91.6111, 0.2957,
0.3234

■ 42.1963, 0.4556,
0.4215

■ 95.0664, 0.2958,
0.3290

■ 38.6353, 0.4794,
0.4276

■ 35.4383, 0.5008,
0.4287

■ 32.5826, 0.5187,
0.4243

■ 31.8292, 0.5234,
0.4226

Harmonies

Analogous

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



66.0549, 0.3453, 0.3428



66.0549, 0.3415, 0.3536



66.0549, 0.3299, 0.3580

Triad

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



66.0549, 0.3415, 0.3536



66.0549, 0.2860, 0.3282



66.0549, 0.3109, 0.3053

Complementary

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



66.0549, 0.3415, 0.3536



59.8711, 0.2856, 0.3031

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.



66.0549, 0.2953, 0.3012



66.0549, 0.3415, 0.3536



66.0549, 0.2812, 0.3139

Square

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



66.0549, 0.3415, 0.3536



66.0549, 0.2978, 0.3432



66.0549, 0.2845, 0.3042



66.0549, 0.3274, 0.3153

Rectangle

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



66.0549, 0.3415, 0.3536



66.0549, 0.3194, 0.3565



66.0549, 0.2845, 0.3042



66.0549, 0.3054, 0.3032

Sweetspot

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



66.0578, 0.3415, 0.3536



95.7183, 0.3205, 0.3360



56.7217, 0.3313, 0.3095



20.3615, 0.3217, 0.3370



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.



66.0578, 0.3415, 0.3536



83.0469, 0.3490, 0.3596



74.5647, 0.3370, 0.3718



15.7126, 0.3278, 0.3423



18.8041, 0.5214, 0.4242



1.5736, 0.5025, 0.4392

Inverse Universe

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



59.8711, 0.2856, 0.3031



73.4113, 0.2791, 0.2964



52.4455, 0.2861, 0.2827



14.9133, 0.2981, 0.3154



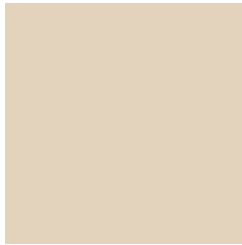
8.6325, 0.1715, 0.1372



0.8199, 0.1793, 0.1656

Previews

White Background



This preview shows how the Yxy color 66.0549, 0.3415, 0.3536 looks on a white background.

Color Contrast Check

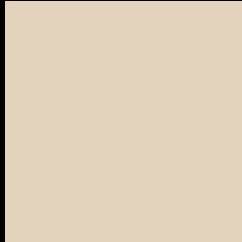
Large Text (above 18pt) WCAG AA × Fail

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 66.0549, 0.3415, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

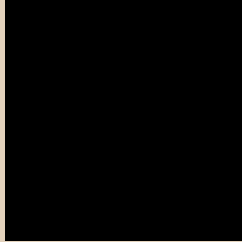
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0549, 0.3415, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 66.0549, 0.3415, 0.3536.



This preview shows how white text looks on a background with the Yxy color 66.0549, 0.3415, 0.3536.

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

66.0549, 0.3415, 0.3536

Protanopia

66.2907, 0.3365, 0.3549

Deuteranopia

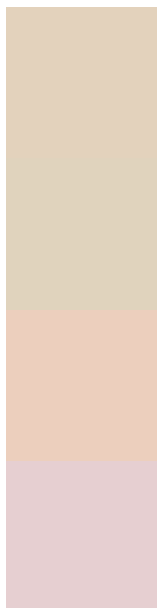
66.0375, 0.3529, 0.3463



Tritanopia

65.8720, 0.3211, 0.3118

Trichromacy



Original Color

66.0549, 0.3415, 0.3536

Protanomaly

66.1099, 0.3383, 0.3537

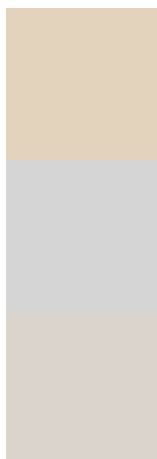
Deuteranomaly

66.1326, 0.3485, 0.3487

Tritanomaly

66.0521, 0.3289, 0.3269

Monochromacy



Original Color

66.0549, 0.3415, 0.3536

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.3520, 0.3227, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0549, 0.3415, 0.3536 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, 210, 188)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 188)  
}
```

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, 210, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 188) }
```

Border

The CSS property to change the border of an element to Yxy 66.0549, 0.3415, 0.3536 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, 210, 188) }
```

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

```
.border{ border-color:rgb(227, 210, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 210, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 210, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 210, 188); box-shadow:4px 4px 4px 4px rgb(227, 210, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0549, 0.3415, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 188) }
```

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

```
.background{ background-color: rgb(227,  
210, 188) }
```

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