

Converting Colors

Yxy(69.0767, 0.3152, 0.3330)

Have a look what the booklet for
Yxy(69.0767, 0.3152, 0.3330)
contains.

Yxy(69.1815, 0.3154, 0.3334)	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(69.1815, 0.3154, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	D9D9D5
RGB	217, 217, 213
RGB Percent	85%, 85%, 84%
CMY	0.1489, 0.1490, 0.1646
CMYK	0.00, 0.00, 0.02, 0.15
HSL	60°, 5%, 84%
HSV	60°, 2%, 85%
XYZ	65.4464, 69.1815, 72.8751
YIQ	216.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

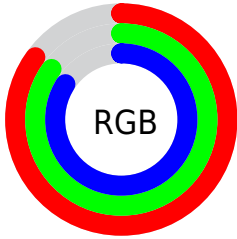
Format	Color
R _Y B	213, 217, 213
Decimal	14277077
CIE Lab	86.59, -0.69, 1.94
CIE LCh	87, 2.060, 109.645
Yxy	69.1815, 0.3154, 0.3334
Android (android.graphics.Color)	4292467157 (0xFFD9D9D5)
YUV	216.5440, -1.7472, 0.3999
Hunter-Lab	83.1754, -5.1045, 6.2752

Details

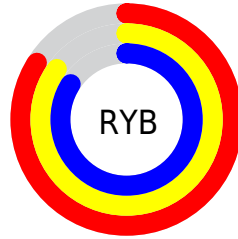
The Yxy color **69.1815, 0.3154, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7809, 0.3100, 0.3246**, and the grayscale version is **69.0762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9907, 0.3162, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **68.0751, 0.3303, 0.3579**, and if you desaturate by 10%, it is **70.4415, 0.3011, 0.3100**.

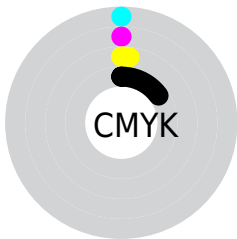
Distribution



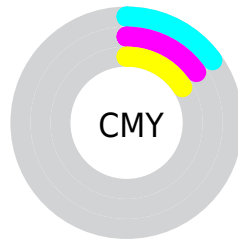
- Red (85%)
- Green (85%)
- Blue (84%)



- Red (84%)
- Yellow (85%)
- Blue (84%)



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



- Cyan (15%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1815, 0.3154, 0.3334 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 69.1815, 0.3154, 0.3334 by changing the saturation by 10% instead.

■ 69.1815, 0.3154,
0.3334

■ 69.1815, 0.3154,
0.3334

457.6709, 0.3142,
0.3314

■ 50.8595, 0.3157,
0.3339

118.0408, 0.3150,
0.3327

■ 36.0968, 0.3160,
0.3345

149.3469, 0.3148,
0.3324

■ 24.5090, 0.3165,
0.3352

185.7498, 0.3147,
0.3322

■ 15.7116, 0.3171,
0.3362

227.6340, 0.3145,
0.3320

■ 9.3203, 0.3179,
0.3376

275.3838, 0.3144,
0.3318

■ 4.9507, 0.3192,
0.3396

329.3836, 0.3143,

■ 2.2184, 0.3211,

0.3316

0.3429

390.0178, 0.3142,
0.3315

0.7300, 0.3276,
0.3533

0.0000, 0.0000,
0.0000

69.1815, 0.3154,
0.3334

69.1815, 0.3154,
0.3334

68.0751, 0.3303,
0.3579

70.4415, 0.3011,
0.3100

67.1074, 0.3456,
0.3828

71.7586, 0.2886,
0.2893

66.2753, 0.3607,
0.4076

71.8387, 0.2886,
0.2895

65.5721, 0.3751,
0.4311

71.9188, 0.2886,
0.2897

64.9905, 0.3883,
0.4526

71.9990, 0.2886,
0.2898

64.5227, 0.3997,
0.4710

72.0792, 0.2886,
0.2900

64.1598, 0.4087,
0.4856

72.1596, 0.2886,
0.2902

63.8916, 0.4151,
0.4959

72.2400, 0.2886,
0.2903

63.7059, 0.4190,
0.5018

72.3205, 0.2886,
0.2905

Harmonies

Analogous

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



69.1815, 0.3171, 0.3328



69.1815, 0.3154, 0.3334



69.1815, 0.3130, 0.3328

Triad

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



69.1815, 0.3154, 0.3334



69.1815, 0.3078, 0.3268



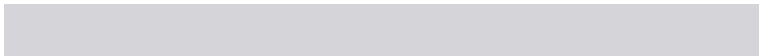
69.1815, 0.3150, 0.3269

Complementary

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



69.1815, 0.3154, 0.3334



66.7809, 0.3100, 0.3246

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.



69.1815, 0.3125, 0.3253



69.1815, 0.3154, 0.3334



69.1815, 0.3083, 0.3252

Square

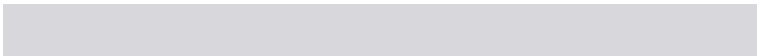
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1815, 0.3154, 0.3334



69.1815, 0.3086, 0.3290



69.1815, 0.3100, 0.3247



69.1815, 0.3169, 0.3290

Rectangle

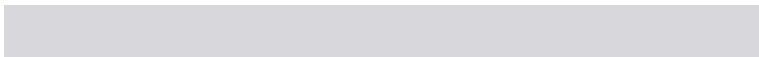
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1815, 0.3154, 0.3334



69.1815, 0.3113, 0.3318



69.1815, 0.3100, 0.3247



69.1815, 0.3142, 0.3263

Sweetspot

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



69.1845, 0.3154, 0.3334



99.8252, 0.3142, 0.3314



67.1691, 0.3156, 0.3289



21.3685, 0.3141, 0.3313



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.



69.1845, 0.3154, 0.3334



99.6526, 0.3157, 0.3338



68.9052, 0.3140, 0.3335



15.4369, 0.3155, 0.3335



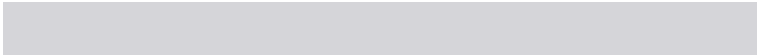
38.4968, 0.4206, 0.5043



2.4993, 0.4203, 0.5044

Inverse Universe

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



66.7809, 0.3100, 0.3246



95.8572, 0.3097, 0.3241



67.0569, 0.3114, 0.3246



14.8866, 0.3099, 0.3244



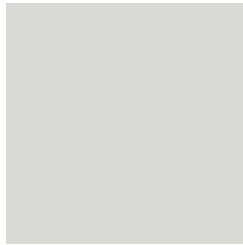
3.0595, 0.1501, 0.0605



0.2036, 0.1506, 0.0620

Previews

White Background



This preview shows how the Yxy color 69.1815, 0.3154, 0.3334 looks on a white background.

Color Contrast Check

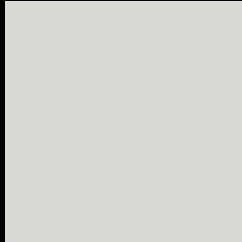
Large Text (above 18pt) WCAG AA × Fail

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 69.1815, 0.3154, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

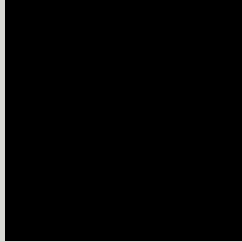
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

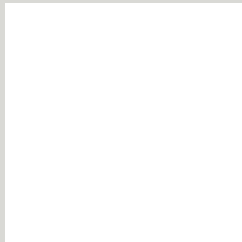
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1815, 0.3154, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 69.1815, 0.3154, 0.3334.

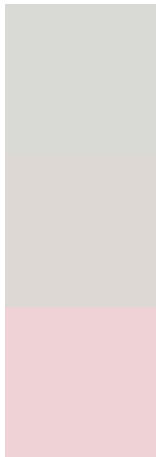


This preview shows how white text looks on a background with the Yxy color 69.1815, 0.3154, 0.3334.

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

69.1815, 0.3154, 0.3334

Protanopia

69.2374, 0.3191, 0.3334

Deuteranopia

69.1254, 0.3310, 0.3248



Tritanopia

69.0783, 0.3057, 0.3106

Trichromacy



Original Color

69.1815, 0.3154, 0.3334

Protanomaly

69.0808, 0.3183, 0.3334

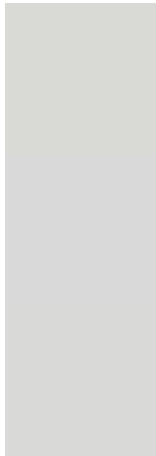
Deuteranomaly

69.2665, 0.3246, 0.3280

Tritanomaly

69.0428, 0.3096, 0.3192

Monochromacy



Original Color

69.1815, 0.3154, 0.3334

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3353, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1815, 0.3154, 0.3334 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(217, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 213)  
}
```

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(217, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 213) }
```

Border

The CSS property to change the border of an element to Yxy 69.1815, 0.3154, 0.3334 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(217, 217, 213) }
```

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

```
.border{ border-color:rgb(217, 217, 213) }
```

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

Here you see how a box with a 4 pixel rgb(217, 217, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1815, 0.3154, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 213) }
```

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

```
.background{ background-color: rgb(217,  
217, 213) }
```

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