

Converting Colors

Yxy(69.9918, 0.3189, 0.3336)

Have a look what the booklet for
Yxy(69.9918, 0.3189, 0.3336)
contains.

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Color

Yxy(69.9594, 0.3191, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	DED9D5
RGB	222, 217, 213
RGB Percent	87%, 85%, 84%
CMY	0.1292, 0.1491, 0.1647
CMYK	0.00, 0.02, 0.04, 0.13
HSL	26°, 12%, 85%
HSV	26°, 4%, 87%
XYZ	66.9587, 69.9594, 72.9181
YIQ	218.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

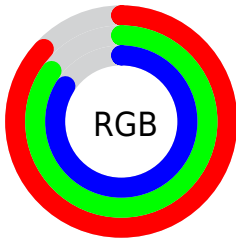
Format	Color
R _Y B	222, 220, 213
Decimal	14604757
CIE Lab	86.98, 1.03, 2.57
CIE LCh	87, 2.766, 68.114
Yxy	69.9594, 0.3191, 0.3334
Android (android.graphics.Color)	4292794837 (0xFFDED9D5)
YUV	218.0390, -2.4842, 3.4738
Hunter-Lab	83.6417, -3.4762, 6.8607

Details

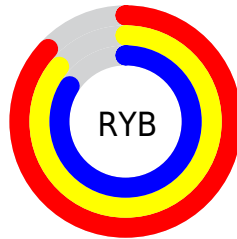
The Yxy color **69.9594, 0.3191, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5945, 0.3065, 0.3246**, and the grayscale version is **70.1608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5248, 0.3211, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **62.7519, 0.3365, 0.3447**, and if you desaturate by 10%, it is **77.8086, 0.3041, 0.3228**.

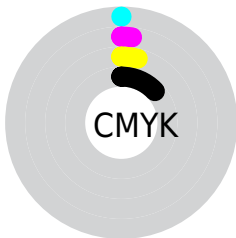
Distribution



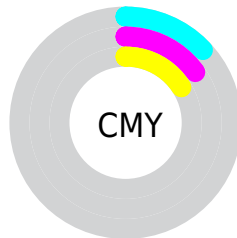
- Red (87%)
- Green (85%)
- Blue (84%)



- Red (87%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9594, 0.3191, 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 69.9594, 0.3191, 0.3334 by changing the saturation by 10% instead.

■ 69.9594, 0.3191,
0.3334

■ 69.9594, 0.3191,
0.3334

460.4074, 0.3161,
0.3314

■ 51.4934, 0.3198,
0.3339

119.1509, 0.3181,
0.3327

■ 36.6015, 0.3206,
0.3344

150.6451, 0.3177,
0.3324

■ 24.8991, 0.3217,
0.3352

187.2510, 0.3173,
0.3322

■ 16.0019, 0.3232,
0.3362

229.3528, 0.3170,
0.3320

■ 9.5255, 0.3251,
0.3375

277.3349, 0.3167,
0.3318

■ 5.0855, 0.3280,
0.3394

331.5818, 0.3165,

■ 2.2975, 0.3327,

0.3316

0.3426

392.4779, 0.3163,
0.3315

0.7724, 0.3462,
0.3522

0.0000, 0.0000,
0.0000

69.9594, 0.3191,
0.3334

69.9594, 0.3191,
0.3334

62.7519, 0.3365,
0.3447

77.8086, 0.3041,
0.3228

56.1601, 0.3565,
0.3565

86.1507, 0.2926,
0.3155

50.1697, 0.3793,
0.3686

93.7836, 0.2929,
0.3282

44.7621, 0.4051,
0.3804

94.2785, 0.2929,
0.3289

■ 39.9178, 0.4334,
0.3910

■ 35.6161, 0.4634,
0.3993

■ 31.8345, 0.4938,
0.4042

■ 28.5484, 0.5224,
0.4042

■ 25.7302, 0.5471,
0.3988

Harmonies

Analogous

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



69.9594, 0.3191, 0.3309



69.9594, 0.3191, 0.3334



69.9594, 0.3173, 0.3348

Triad

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



69.9594, 0.3191, 0.3334



69.9594, 0.3080, 0.3301



69.9594, 0.3111, 0.3235

Complementary

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



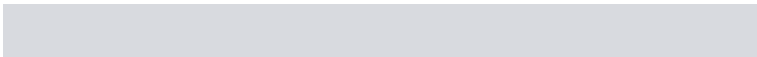
69.9594, 0.3191, 0.3334



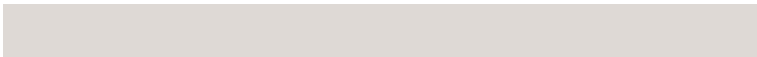
69.5945, 0.3065, 0.3246

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.



69.9594, 0.3081, 0.3233



69.9594, 0.3191, 0.3334



69.9594, 0.3064, 0.3271

Square

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



69.9594, 0.3191, 0.3334



69.9594, 0.3109, 0.3329



69.9594, 0.3064, 0.3246



69.9594, 0.3145, 0.3252

Rectangle

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



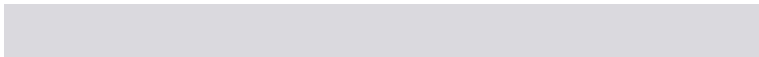
69.9594, 0.3191, 0.3334



69.9594, 0.3154, 0.3348



69.9594, 0.3064, 0.3246



69.9594, 0.3100, 0.3233

Sweetspot

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



69.9624, 0.3191, 0.3334



98.9309, 0.3143, 0.3301



68.1911, 0.3159, 0.3234



21.1866, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



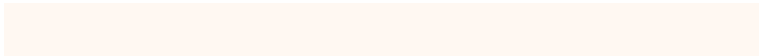
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9624, 0.3191, 0.3334



94.7431, 0.3207, 0.3345



72.2940, 0.3188, 0.3383



15.3051, 0.3217, 0.3351



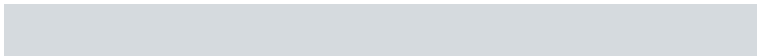
14.6176, 0.5573, 0.3957



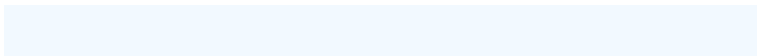
1.1894, 0.5309, 0.4167

Inverse Universe

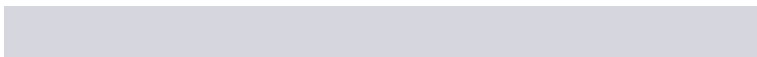
The Inverse Universe completely reimagines the original color for something new.



69.5945, 0.3065, 0.3246



94.1257, 0.3050, 0.3235



67.3102, 0.3066, 0.3196



15.1925, 0.3040, 0.3228



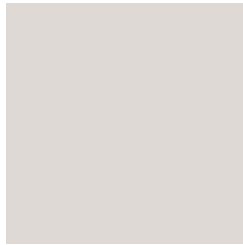
11.9320, 0.1829, 0.1784



1.0047, 0.1899, 0.2037

Previews

White Background



This preview shows how the Yxy color 69.9594, 0.3191, 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 69.9594, 0.3191, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

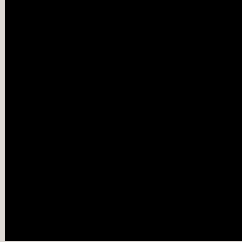
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

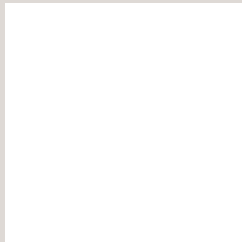
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9594, 0.3191, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 69.9594, 0.3191, 0.3334.

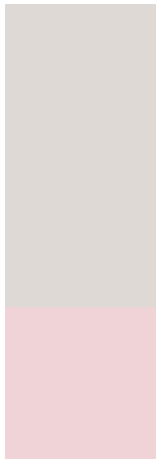


This preview shows how white text looks on a background with the Yxy color 69.9594, 0.3191, 0.3334.

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

69.9594, 0.3191, 0.3334

Protanopia

70.1178, 0.3198, 0.3334

Deuteranopia

69.9688, 0.3324, 0.3259



Tritanopia

69.8702, 0.3092, 0.3108

Trichromacy



Original Color

69.9594, 0.3191, 0.3334

Protanomaly

70.1178, 0.3198, 0.3334

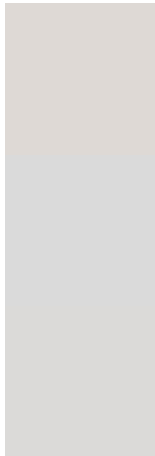
Deuteranomaly

69.7672, 0.3269, 0.3280

Tritanomaly

69.8300, 0.3132, 0.3193

Monochromacy



Original Color

69.9594, 0.3191, 0.3334

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.1607, 0.3148, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9594, 0.3191, 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(222, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 217, 213) }
```

Border

The CSS property to change the border of an element to Yxy 69.9594, 0.3191, 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(222, 217, 213) }
```

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

```
.border{ border-color:rgb(222, 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(222, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 217,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9594, 0.3191, 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(222, 217, 213) }
```

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

```
.background{ background-color: rgb(222,  
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](#).

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