

Converting Colors

Yxy(69.5947, 0.3143, 0.3349)

Have a look what the booklet for
Yxy(69.5947, 0.3143, 0.3349)
contains.

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Color

Yxy(69.5458, 0.3146, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	D8DAD5
RGB	216, 218, 213
RGB Percent	85%, 85%, 84%
CMY	0.1531, 0.1450, 0.1648
CMYK	0.01, 0.00, 0.02, 0.15
HSL	85°, 6%, 85%
HSV	85°, 2%, 85%
XYZ	65.3888, 69.5458, 72.9129
YIQ	216.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

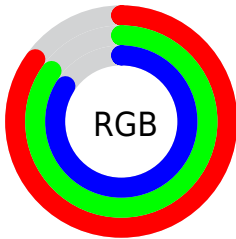
Format	Color
RYP	213, 218, 215
Decimal	14211797
CIELab	86.77, -1.60, 2.22
CIElCh	87, 2.735, 125.731
Yxy	69.5458, 0.3146, 0.3346
Android (android.graphics.Color)	4292401877 (0xFFD8DAD5)
YUV	216.8320, -1.8892, -0.7297
Hunter-Lab	83.3941, -5.9789, 6.5376

Details

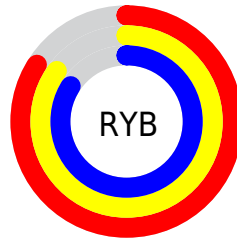
The Yxy color **69.5458, 0.3146, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0939, 0.3108, 0.3234**, and the grayscale version is **69.2770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2401, 0.3152, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **67.1943, 0.3228, 0.3600**, and if you desaturate by 10%, it is **72.1258, 0.3065, 0.3112**.

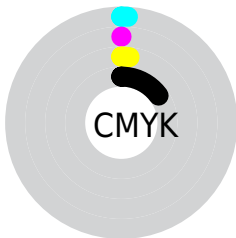
Distribution



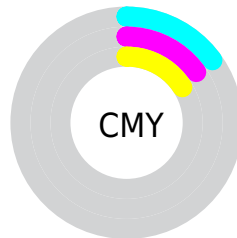
- Red (85%)
- Green (85%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5458, 0.3146, 0.3346 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 69.5458, 0.3146, 0.3346 by changing the saturation by 10% instead.

■ 69.5458, 0.3146,
0.3346

■ 69.5458, 0.3146,
0.3346

458.9536, 0.3137,
0.3320

■ 51.1563, 0.3148,
0.3352

118.5608, 0.3143,
0.3337

■ 36.3330, 0.3150,
0.3360

149.9551, 0.3142,
0.3333

■ 24.6915, 0.3154,
0.3369

186.4532, 0.3141,
0.3330

■ 15.8474, 0.3158,
0.3382

228.4394, 0.3140,
0.3328

■ 9.4162, 0.3163,
0.3399

276.2982, 0.3139,
0.3325

■ 5.0136, 0.3172,
0.3425

330.4139, 0.3138,

■ 2.2553, 0.3185,

0.3323

0.3467

391.1709, 0.3138,
0.3322

0.7499, 0.3232,
0.3597

0.0000, 0.0000,
0.0000

69.5458, 0.3146,
0.3346

69.5458, 0.3146,
0.3346

67.1943, 0.3228,
0.3600

72.1258, 0.3065,
0.3112

65.0552, 0.3309,
0.3872

74.8297, 0.2998,
0.2914

63.1241, 0.3386,
0.4157

76.3749, 0.3059,
0.2921

61.3930, 0.3455,
0.4445

77.9971, 0.3120,
0.2928

■ 59.8533, 0.3511,
0.4728

■ 78.6331, 0.3144,
0.2930

■ 58.4957, 0.3549,
0.4991

■ 57.3099, 0.3566,
0.5221

■ 56.2840, 0.3558,
0.5405

■ 55.4043, 0.3527,
0.5538

Harmonies

Analogous

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



69.5458, 0.3175, 0.3347



69.5458, 0.3146, 0.3346



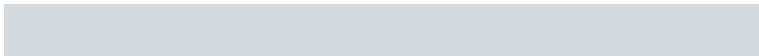
69.5458, 0.3112, 0.3330

Triad

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



69.5458, 0.3146, 0.3346



69.5458, 0.3064, 0.3248



69.5458, 0.3172, 0.3277

Complementary

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



69.5458, 0.3146, 0.3346



67.0939, 0.3108, 0.3234

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.



69.5458, 0.3142, 0.3251



69.5458, 0.3146, 0.3346



69.5458, 0.3080, 0.3234

Square

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



69.5458, 0.3146, 0.3346



69.5458, 0.3065, 0.3274



69.5458, 0.3108, 0.3235



69.5458, 0.3190, 0.3306

Rectangle

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



69.5458, 0.3146, 0.3346



69.5458, 0.3091, 0.3313



69.5458, 0.3108, 0.3235



69.5458, 0.3163, 0.3267

Sweetspot

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



69.5488, 0.3146, 0.3346



99.6396, 0.3135, 0.3314



68.3100, 0.3163, 0.3312



21.3308, 0.3135, 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.



69.5488, 0.3146, 0.3346



98.9286, 0.3152, 0.3364



69.1746, 0.3128, 0.3346



15.2810, 0.3158, 0.3382



32.8948, 0.3501, 0.5602



2.1810, 0.3612, 0.5514

Inverse Universe

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



67.0939, 0.3108, 0.3234



94.3682, 0.3102, 0.3216



67.4717, 0.3126, 0.3234



14.4046, 0.3096, 0.3198



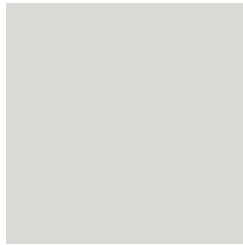
4.3685, 0.1864, 0.0800



0.3326, 0.2049, 0.0902

Previews

White Background



This preview shows how the Yxy color 69.5458, 0.3146, 0.3346 looks on a white background.

Color Contrast Check

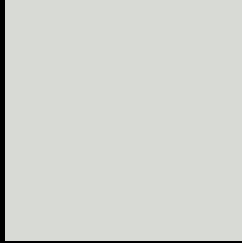
Large Text (above 18pt) WCAG AA × Fail

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 69.5458, 0.3146, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

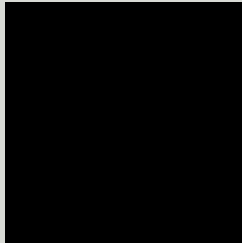
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

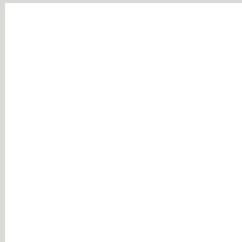
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5458, 0.3146, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 69.5458, 0.3146, 0.3346.

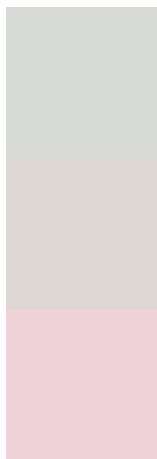


This preview shows how white text looks on a background with the Yxy color 69.5458, 0.3146, 0.3346.

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

69.5458, 0.3146, 0.3346

Protanopia

69.3948, 0.3198, 0.3334

Deuteranopia

69.3502, 0.3310, 0.3238



Tritanopia

69.4871, 0.3043, 0.3106

Trichromacy



Original Color

69.5458, 0.3146, 0.3346

Protanomaly

69.5948, 0.3183, 0.3345

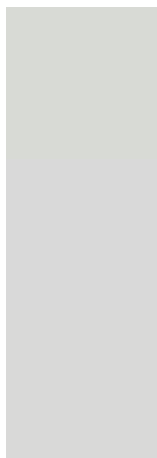
Deuteranomaly

69.4325, 0.3254, 0.3280

Tritanomaly

69.4534, 0.3082, 0.3192

Monochromacy



Original Color

69.5458, 0.3146, 0.3346

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 69.5458, 0.3146, 0.3346 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, 218, 213)` looks like.

```
.text, #text, p{  
    color:rgb(216, 218, 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(216, 218, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 218, 213) }
```

Border

The CSS property to change the border of an element to Yxy 69.5458, 0.3146, 0.3346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

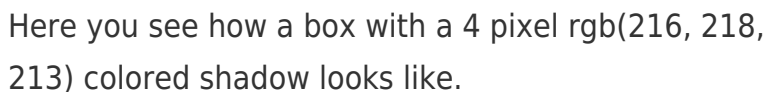
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 218, 213) }
```

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

```
.border{ border-color:rgb(216, 218, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 218, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 218, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 218, 213); box-shadow:4px 4px 4px 4px rgb(216, 218, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5458, 0.3146, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 218, 213) }
```

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

```
.background{ background-color: rgb(216,  
218, 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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