

Converting Colors

$Yxy(66.1305, 0.3169, 0.3347)$

Have a look what the booklet for
Yxy(66.1305, 0.3169, 0.3347)
contains.

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Color

Yxy(66.4387, 0.3169, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	D6D5D0
RGB	214, 213, 208
RGB Percent	84%, 84%, 82%
CMY	0.1606, 0.1648, 0.1842
CMYK	0.00, 0.00, 0.03, 0.16
HSL	49°, 7%, 83%
HSV	49°, 3%, 84%
XYZ	62.9242, 66.4387, 69.1987
YIQ	212.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

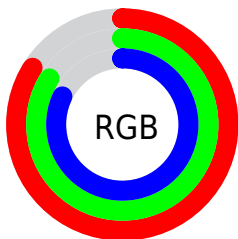
Format	Color
RYB	209, 214, 208
Decimal	14079440
CIELab	85.22, -0.52, 2.56
CIELCh	85, 2.615, 101.381
Yxy	66.4387, 0.3169, 0.3346
Android (android.graphics.Color)	4292269520 (0xFFD6D5D0)
YUV	212.7290, -2.3314, 1.1147
Hunter-Lab	81.5099, -4.8437, 6.7221

Details

The Yxy color **66.4387, 0.3169, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9165, 0.3085, 0.3233**, and the grayscale version is **66.3707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1577, 0.3173, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **63.5805, 0.3325, 0.3551**, and if you desaturate by 10%, it is **69.4891, 0.3025, 0.3151**.

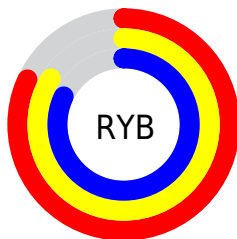
Distribution



Red (84%)

Green (84%)

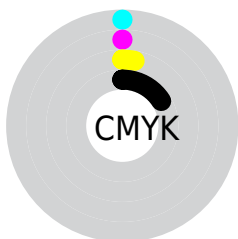
Blue (82%)



Red (82%)

Yellow (84%)

Blue (82%)

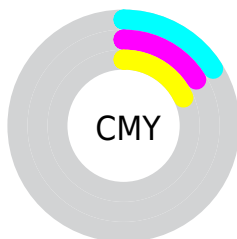


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4387, 0.3169, 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 66.4387, 0.3169, 0.3346 by changing the saturation by 10% instead.

■ 66.4387, 0.3169,
0.3346

■ 66.4387, 0.3169,
0.3346

447.9442, 0.3149,
0.3320

■ 48.6286, 0.3174,
0.3352

114.1158, 0.3162,
0.3337

■ 34.3250, 0.3179,
0.3360

144.7515, 0.3159,
0.3333

■ 23.1434, 0.3187,
0.3370

180.4313, 0.3157,
0.3330

■ 14.6994, 0.3196,
0.3383

221.5395, 0.3155,
0.3328

■ 8.6087, 0.3210,
0.3401

268.4605, 0.3153,
0.3325

■ 4.4868, 0.3230,
0.3428

321.5786, 0.3152,

■ 1.9494, 0.3262,

0.3323

0.3472

381.2784, 0.3151,
0.3321

0.5779, 0.3430,
0.3694

0.0000, 0.0000,
0.0000

66.4387, 0.3169,
0.3346

66.4387, 0.3169,
0.3346

63.5805, 0.3325,
0.3551

69.4891, 0.3025,
0.3151

60.8999, 0.3490,
0.3762

72.7287, 0.2892,
0.2968

58.3934, 0.3662,
0.3974

75.0048, 0.2869,
0.2967

56.0543, 0.3835,
0.4178

77.0609, 0.2871,
0.3007

■ 53.8752, 0.4004,
0.4366

■ 79.1623, 0.2873,
0.3048

■ 51.8481, 0.4162,
0.4527

■ 81.3094, 0.2875,
0.3088

■ 49.9640, 0.4301,
0.4652

■ 83.5025, 0.2876,
0.3128

■ 48.2126, 0.4415,
0.4734

■ 85.7417, 0.2878,
0.3167

■ 46.5815, 0.4500,
0.4769

■ 88.0275, 0.2880,
0.3207

Harmonies

Analogous

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



66.4387, 0.3187, 0.3334



66.4387, 0.3169, 0.3346



66.4387, 0.3139, 0.3343

Triad

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



66.4387, 0.3169, 0.3346



66.4387, 0.3065, 0.3269



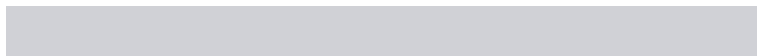
66.4387, 0.3148, 0.3256

Complementary

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



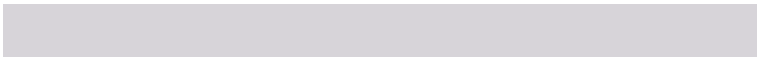
66.4387, 0.3169, 0.3346



63.9165, 0.3085, 0.3233

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.



66.4387, 0.3115, 0.3239



66.4387, 0.3169, 0.3346



66.4387, 0.3067, 0.3246

Square

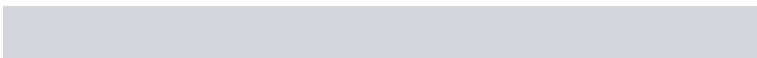
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4387, 0.3169, 0.3346



66.4387, 0.3080, 0.3298



66.4387, 0.3086, 0.3235



66.4387, 0.3175, 0.3282

Rectangle

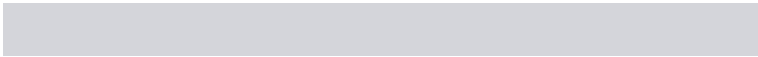
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4387, 0.3169, 0.3346



66.4387, 0.3117, 0.3332



66.4387, 0.3086, 0.3235



66.4387, 0.3137, 0.3249

Sweetspot

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



66.4416, 0.3169, 0.3346



99.5502, 0.3142, 0.3310



64.0388, 0.3165, 0.3278



21.3126, 0.3141, 0.3309



0.0000, 0.0000, 0.0000



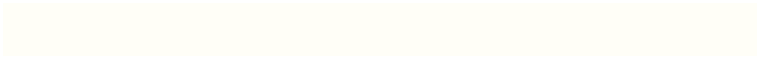
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4416, 0.3169, 0.3346



98.6590, 0.3172, 0.3350



66.6924, 0.3154, 0.3358



14.4868, 0.3183, 0.3365



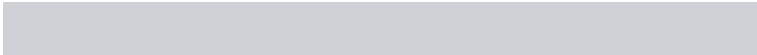
27.6059, 0.4541, 0.4776



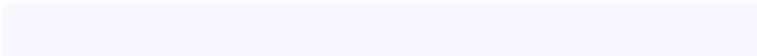
1.7650, 0.4471, 0.4832

Inverse Universe

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



63.9165, 0.3085, 0.3233



94.6236, 0.3082, 0.3229



63.6748, 0.3100, 0.3222



13.7510, 0.3071, 0.3214



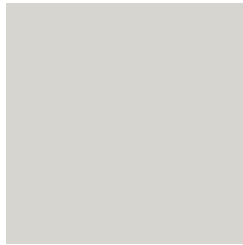
3.8701, 0.1547, 0.0767



0.3430, 0.1629, 0.1063

Previews

White Background



This preview shows how the Yxy color 66.4387, 0.3169, 0.3346 looks on a white background.

Color Contrast Check

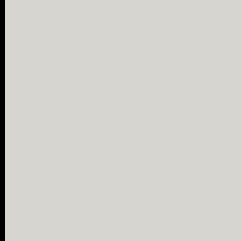
Large Text (above 18pt) WCAG AA × Fail

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 66.4387, 0.3169, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

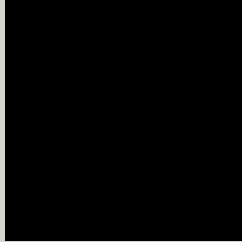
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

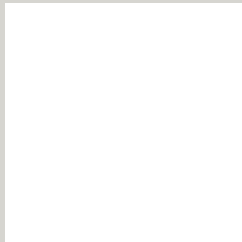
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4387, 0.3169, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 66.4387, 0.3169, 0.3346.

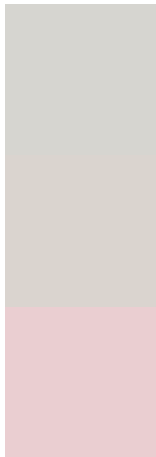


This preview shows how white text looks on a background with the Yxy color 66.4387, 0.3169, 0.3346.

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

66.4387, 0.3169, 0.3346

Protanopia

66.4974, 0.3206, 0.3346

Deuteranopia

66.2385, 0.3321, 0.3258



Tritanopia

66.3910, 0.3063, 0.3103

Trichromacy



Original Color

66.4387, 0.3169, 0.3346

Protanomaly

66.3437, 0.3199, 0.3346

Deuteranomaly

66.5353, 0.3263, 0.3290

Tritanomaly

66.3548, 0.3102, 0.3190

Monochromacy



Original Color

66.4387, 0.3169, 0.3346

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4378, 0.3141, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4387, 0.3169, 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(214, 213, 208) looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 208)  
}
```

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(214, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 208) }
```

Border

The CSS property to change the border of an element to Yxy 66.4387, 0.3169, 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(214, 213, 208) }
```

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

```
.border{ border-color:rgb(214, 213, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4387, 0.3169, 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(214, 213, 208) }
```

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

```
.background{ background-color: rgb(214,  
213, 208) }
```

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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