

Converting Colors

$Yxy(66.6073, 0.3197, 0.3361)$

Have a look what the booklet for
Yxy(66.6073, 0.3197, 0.3361)
contains.

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Color

Yxy(66.6437, 0.3198, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	D8D5CE
RGB	216, 213, 206
RGB Percent	85%, 84%, 81%
CMY	0.1528, 0.1647, 0.1922
CMYK	0.00, 0.01, 0.05, 0.15
HSL	42°, 11%, 83%
HSV	42°, 5%, 85%
XYZ	63.2611, 66.6437, 67.9097
YIQ	213.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

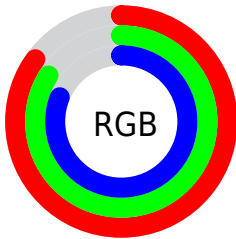
Format	Color
R _Y B	210, 216, 206
Decimal	14210510
CIE Lab	85.32, -0.19, 3.82
CIE LCh	85, 3.822, 92.819
Yxy	66.6437, 0.3198, 0.3369
Android (android.graphics.Color)	4292400590 (0xFFD8D5CE)
YUV	213.0990, -3.4998, 2.5442
Hunter-Lab	81.6356, -4.5390, 7.8237

Details

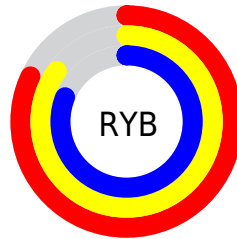
The Yxy color **66.6437, 0.3198, 0.3369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6956, 0.3057, 0.3210**, and the grayscale version is **66.6357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2978, 0.3211, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **62.4407, 0.3361, 0.3545**, and if you desaturate by 10%, it is **71.1298, 0.3050, 0.3202**.

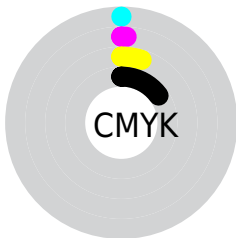
Distribution



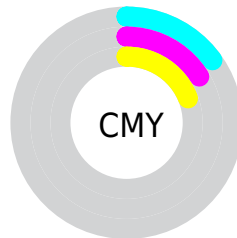
- Red (85%)
- Green (84%)
- Blue (81%)



- Red (82%)
- Yellow (85%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6437, 0.3198, 0.3369 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 66.6437, 0.3198, 0.3369 by changing the saturation by 10% instead.

■ 66.6437, 0.3198,
0.3369

■ 66.6437, 0.3198,
0.3369

448.6755, 0.3165,
0.3332

■ 48.7951, 0.3206,
0.3378

114.4097, 0.3186,
0.3356

■ 34.4570, 0.3215,
0.3388

145.0960, 0.3182,
0.3351

■ 23.2449, 0.3228,
0.3402

180.8302, 0.3178,
0.3347

■ 14.7744, 0.3244,
0.3421

221.9969, 0.3175,
0.3343

■ 8.6612, 0.3267,
0.3446

268.9803, 0.3172,
0.3340

■ 4.5209, 0.3301,
0.3484

322.1650, 0.3169,

■ 1.9690, 0.3356,

0.3337

0.3546

381.9352, 0.3167,
0.3334

0.5894, 0.3656,
0.3878

0.0000, 0.0000,
0.0000

66.6437, 0.3198,
0.3369

66.6437, 0.3198,
0.3369

62.4407, 0.3361,
0.3545

71.1298, 0.3050,
0.3202

58.5046, 0.3539,
0.3727

75.8973, 0.2917,
0.3046

54.8307, 0.3730,
0.3910

79.8963, 0.2885,
0.3057

51.4104, 0.3929,
0.4087

83.6643, 0.2888,
0.3126

■ 48.2349, 0.4132,
0.4249

■ 87.5711, 0.2891,
0.3194

■ 45.2945, 0.4330,
0.4384

■ 91.6183, 0.2893,
0.3262

■ 42.5783, 0.4513,
0.4483

■ 93.3455, 0.2895,
0.3289

■ 40.0740, 0.4672,
0.4535

■ 37.7671, 0.4801,
0.4537

Harmonies

Analogous

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



66.6437, 0.3219, 0.3346



66.6437, 0.3198, 0.3369



66.6437, 0.3158, 0.3371

Triad

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



66.6437, 0.3198, 0.3369



66.6437, 0.3040, 0.3270



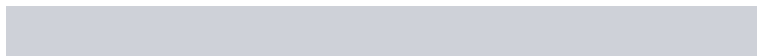
66.6437, 0.3144, 0.3231

Complementary

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



66.6437, 0.3198, 0.3369



63.6956, 0.3057, 0.3210

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.



66.6437, 0.3096, 0.3211



66.6437, 0.3198, 0.3369



66.6437, 0.3036, 0.3233

Square

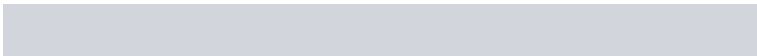
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6437, 0.3198, 0.3369



66.6437, 0.3067, 0.3313



66.6437, 0.3057, 0.3212



66.6437, 0.3187, 0.3267

Rectangle

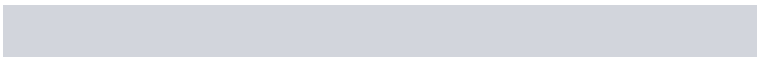
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



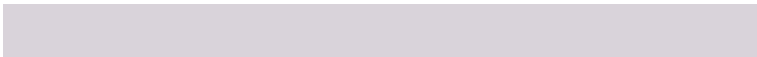
66.6437, 0.3198, 0.3369



66.6437, 0.3126, 0.3359



66.6437, 0.3057, 0.3212



66.6437, 0.3128, 0.3223

Sweetspot

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



66.6466, 0.3198, 0.3369



99.3448, 0.3142, 0.3307



63.3515, 0.3181, 0.3254



21.2708, 0.3141, 0.3306



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.



66.6466, 0.3198, 0.3369



96.1310, 0.3220, 0.3393



67.9152, 0.3182, 0.3403



14.1126, 0.3228, 0.3402



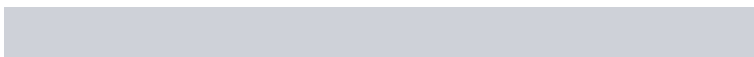
21.8536, 0.4847, 0.4533



1.4606, 0.4708, 0.4644

Inverse Universe

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



63.6956, 0.3057, 0.3210



90.5967, 0.3035, 0.3185



62.4791, 0.3071, 0.3175



13.2285, 0.3027, 0.3175



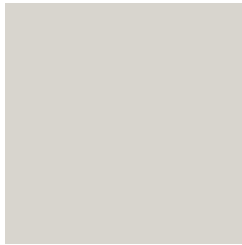
5.3701, 0.1615, 0.1014



0.4683, 0.1712, 0.1363

Previews

White Background



This preview shows how the Yxy color 66.6437, 0.3198, 0.3369 looks on a white background.

Color Contrast Check

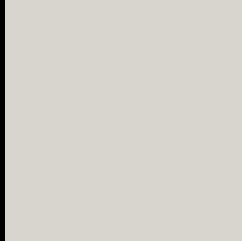
Large Text (above 18pt) WCAG AA × Fail

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 66.6437, 0.3198, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

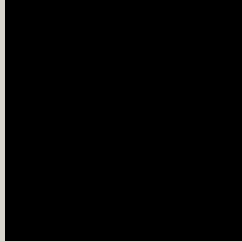
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

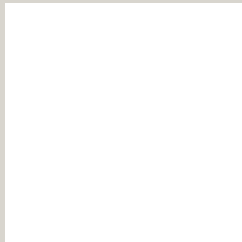
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6437, 0.3198, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 66.6437, 0.3198, 0.3369.

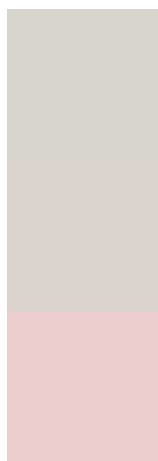


This preview shows how white text looks on a background with the Yxy color 66.6437, 0.3198, 0.3369.

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

66.6437, 0.3198, 0.3369

Protanopia

66.6033, 0.3221, 0.3357

Deuteranopia

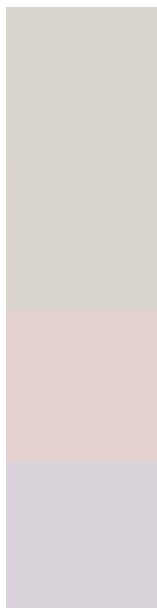
66.4805, 0.3351, 0.3280



Tritanopia

66.6442, 0.3084, 0.3115

Trichromacy



Original Color

66.6437, 0.3198, 0.3369

Protanomaly

66.4486, 0.3213, 0.3357

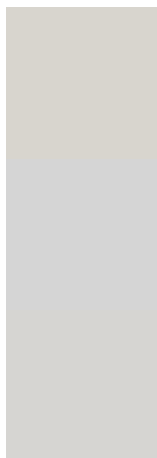
Deuteranomaly

66.7639, 0.3293, 0.3312

Tritanomaly

66.6084, 0.3124, 0.3202

Monochromacy



Original Color

66.6437, 0.3198, 0.3369

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5378, 0.3155, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6437, 0.3198, 0.3369 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, 213, 206)` looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 206)  
}
```

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, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 206) }
```

Border

The CSS property to change the border of an element to Yxy 66.6437, 0.3198, 0.3369 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, 213, 206) }
```

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

```
.border{ border-color:rgb(216, 213, 206) }
```

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

Here you see how a box with a 4 pixel rgb(216, 213, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6437, 0.3198, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 206) }
```

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

```
.background{ background-color: rgb(216,  
213, 206) }
```

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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