

Converting Colors

$Yxy(66.6073, 0.3077, 0.3318)$

Have a look what the booklet for
Yxy(66.6073, 0.3077, 0.3318)
contains.

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Color

Yxy(66.5268, 0.3075, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	CED7D5
RGB	206, 215, 213
RGB Percent	81%, 84%, 84%
CMY	0.1924, 0.1568, 0.1647
CMYK	0.04, 0.00, 0.01, 0.16
HSL	167°, 10%, 83%
HSV	167°, 4%, 84%
XYZ	61.7476, 66.5268, 72.5309
YIQ	212.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

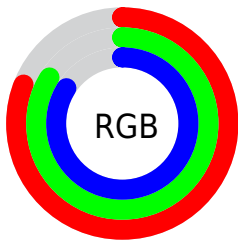
Format	Color
R _Y B	206, 211, 215
Decimal	13555669
CIE Lab	85.26, -3.44, -0.08
CIE LCh	85, 3.443, 181.263
Yxy	66.5268, 0.3075, 0.3313
Android (android.graphics.Color)	4291745749 (0xFFCED7D5)
YUV	212.0810, 0.4531, -5.3330
Hunter-Lab	81.5640, -7.6043, 4.3711

Details

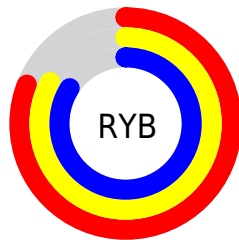
The Yxy color **66.5268, 0.3075, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1101, 0.3182, 0.3267**, and the grayscale version is **65.8884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2856, 0.3069, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **63.4205, 0.2955, 0.3371**, and if you desaturate by 10%, it is **70.0669, 0.3199, 0.3260**.

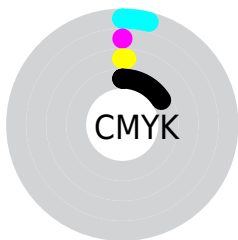
Distribution



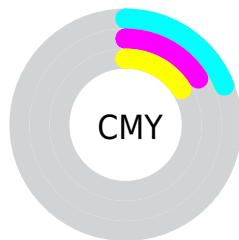
- Red (81%)
- Green (84%)
- Blue (84%)



- Red (81%)
- Yellow (83%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5268, 0.3075, 0.3313 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 66.5268, 0.3075, 0.3313 by changing the saturation by 10% instead.

■ 66.5268, 0.3075,
0.3313

■ 66.5268, 0.3075,
0.3313

448.2585, 0.3100,
0.3302

■ 48.7002, 0.3069,
0.3315

114.2421, 0.3084,
0.3309

■ 34.3817, 0.3062,
0.3319

144.8996, 0.3087,
0.3308

■ 23.1870, 0.3053,
0.3323

180.6028, 0.3090,
0.3307

■ 14.7316, 0.3041,
0.3328

221.7361, 0.3092,
0.3305

■ 8.6313, 0.3024,
0.3335

268.6839, 0.3094,
0.3305

■ 4.5015, 0.2999,
0.3346

321.8307, 0.3096,

■ 1.9578, 0.2958,

0.3304

381.5608, 0.3098,
0.3303

0.3364

0.5828, 0.2776,
0.3443

0.0000, 0.0000,
0.0000

66.5268, 0.3075,
0.3313

66.5268, 0.3075,
0.3313

63.4205, 0.2955,
0.3371

70.0669, 0.3199,
0.3260

60.7226, 0.2841,
0.3436


74.0485, 0.3325,
0.3213


58.4176, 0.2737,
0.3505

75.4440, 0.3335,
0.3166

56.4859, 0.2645,
0.3579


75.7139, 0.3301,
0.3119

 54.9063, 0.2569,
0.3657

 75.9913, 0.3268,
0.3072

 53.6554, 0.2509,
0.3737

 76.2762, 0.3234,
0.3025


 52.7066, 0.2470,
0.3820

 76.5688, 0.3202,
0.2979

 52.0297, 0.2449,
0.3903

 76.8690, 0.3169,
0.2934

 51.5873, 0.2448,
0.3985

 77.0948, 0.3145,
0.2901

Harmonies

Analogous

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



66.5268, 0.3114, 0.3346



66.5268, 0.3075, 0.3313



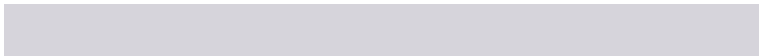
66.5268, 0.3050, 0.3274

Triad

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



66.5268, 0.3075, 0.3313



66.5268, 0.3097, 0.3219



66.5268, 0.3210, 0.3339

Complementary

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



66.5268, 0.3075, 0.3313



63.1101, 0.3182, 0.3267

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.



66.5268, 0.3205, 0.3305



66.5268, 0.3075, 0.3313



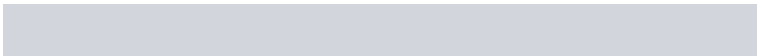
66.5268, 0.3140, 0.3236

Square

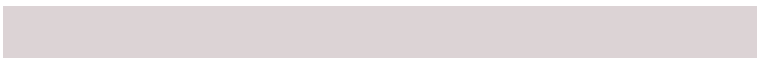
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.5268, 0.3075, 0.3313



66.5268, 0.3062, 0.3220



66.5268, 0.3180, 0.3267



66.5268, 0.3192, 0.3361

Rectangle

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



66.5268, 0.3075, 0.3313



66.5268, 0.3044, 0.3251



66.5268, 0.3180, 0.3267



66.5268, 0.3211, 0.3329

Sweetspot

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



66.5296, 0.3075, 0.3313



99.4829, 0.3115, 0.3295



66.4844, 0.3138, 0.3394



21.2989, 0.3115, 0.3295



0.0000, 0.0000, 0.0000



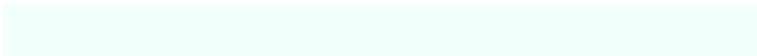
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5296, 0.3075, 0.3313



97.4792, 0.3065, 0.3318



65.4065, 0.3062, 0.3262



14.3178, 0.3058, 0.3321



30.7528, 0.2450, 0.4020



1.8668, 0.2411, 0.3878

Inverse Universe

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



63.1101, 0.3182, 0.3267



91.5119, 0.3193, 0.3263



64.1877, 0.3195, 0.3318



13.3377, 0.3202, 0.3259



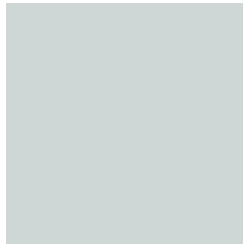
8.7824, 0.5996, 0.3077



0.5424, 0.5503, 0.2805

Previews

White Background



This preview shows how the Yxy color 66.5268, 0.3075, 0.3313 looks on a white background.

Color Contrast Check

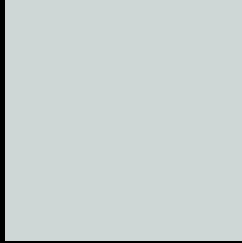
Large Text (above 18pt) WCAG AA × Fail

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 66.5268, 0.3075, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

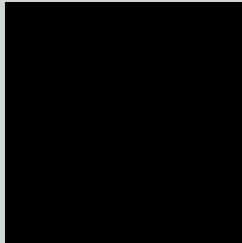
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

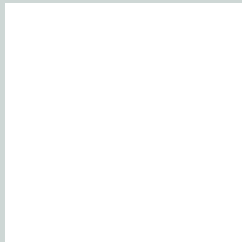
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5268, 0.3075, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 66.5268, 0.3075, 0.3313.

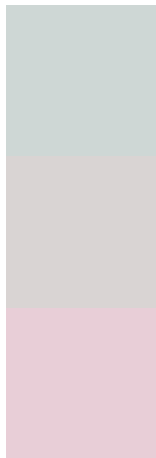


This preview shows how white text looks on a background with the Yxy color 66.5268, 0.3075, 0.3313.

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

66.5268, 0.3075, 0.3313

Protanopia

66.5418, 0.3171, 0.3301

Deuteranopia

66.2047, 0.3261, 0.3193



Tritanopia

66.8010, 0.2992, 0.3112

Trichromacy



Original Color

66.5268, 0.3075, 0.3313

Protanomaly

66.4881, 0.3134, 0.3301

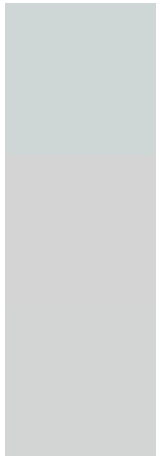
Deuteranomaly

66.1439, 0.3197, 0.3235

Tritanomaly

66.8307, 0.3024, 0.3189

Monochromacy



Original Color

66.5268, 0.3075, 0.3313

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0436, 0.3112, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5268, 0.3075, 0.3313 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(206, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 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(206, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.5268, 0.3075, 0.3313 is called "border". The border property can be set on classes, ids or directly on the HTML element.

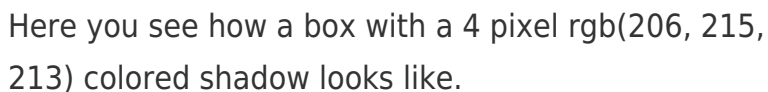
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 215, 213) }
```

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

```
.border{ border-color:rgb(206, 215, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5268, 0.3075, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 213) }
```

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

```
.background{ background-color: rgb(206,  
215, 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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