

Converting Colors

Yxy(66.4131, 0.3076, 0.3155)

Have a look what the booklet for
Yxy(66.4131, 0.3076, 0.3155)
contains.

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Color

Yxy(66.3633, 0.3075, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	D7D3DF
RGB	215, 211, 223
RGB Percent	84%, 83%, 87%
CMY	0.1568, 0.1725, 0.1255
CMYK	0.04, 0.05, 0.00, 0.13
HSL	260°, 16%, 85%
HSV	260°, 5%, 87%
XYZ	64.6396, 66.3633, 79.2071
YIQ	213.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

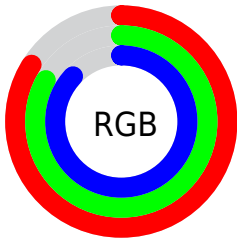
Format	Color
R _Y B	215, 211, 223
Decimal	14144479
CIE Lab	85.18, 3.57, -5.42
CIE LCh	85, 6.494, 303.389
Yxy	66.3633, 0.3075, 0.3157
Android (android.graphics.Color)	4292334559 (0xFFD7D3DF)
YUV	213.5640, 4.6519, 1.2594
Hunter-Lab	81.4637, -0.9257, -0.6231

Details

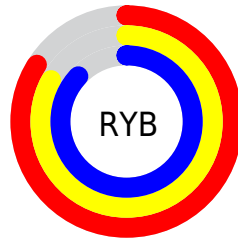
The Yxy color **66.3633, 0.3075, 0.3157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5305, 0.3177, 0.3422**, and the grayscale version is **66.9084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4147, 0.3058, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **53.8988, 0.2966, 0.2890**, and if you desaturate by 10%, it is **80.5741, 0.3169, 0.3398**.

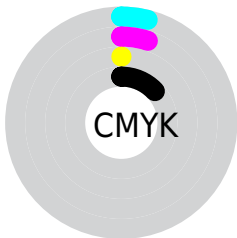
Distribution



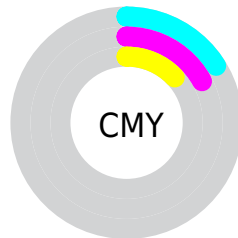
- Red (84%)
- Green (83%)
- Blue (87%)



- Red (84%)
- Yellow (83%)
- Blue (87%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3633, 0.3075, 0.3157 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 66.3633, 0.3075, 0.3157 by changing the saturation by 10% instead.

■ 66.3633, 0.3075,
0.3157

■ 66.3633, 0.3075,
0.3157

447.6750, 0.3100,
0.3219

■ 48.5674, 0.3069,
0.3143

114.0076, 0.3084,
0.3179

■ 34.2764, 0.3062,
0.3125

144.6248, 0.3087,
0.3187

■ 23.1060, 0.3053,
0.3102

180.2845, 0.3090,
0.3194

■ 14.6718, 0.3040,
0.3072

221.3712, 0.3092,
0.3201

■ 8.5894, 0.3023,
0.3031

268.2692, 0.3095,
0.3206

■ 4.4743, 0.2997,
0.2970

321.3629, 0.3097,

■ 1.9423, 0.2954,

0.3211

0.2873

381.0367, 0.3098,
0.3215

0.5736, 0.2861,
0.2595

0.0000, 0.0000,
0.0000

66.3633, 0.3075,
0.3157

66.3633, 0.3075,
0.3157

53.8988, 0.2966,
0.2890

80.5741, 0.3169,
0.3398

43.1038, 0.2841,
0.2599

96.2034, 0.3249,
0.3608

33.9082, 0.2700,
0.2289

98.1072, 0.3316,
0.3601

26.2338, 0.2545,
0.1969

■ 19.9955, 0.2380,
0.1654

■ 15.0996, 0.2213,
0.1359

■ 11.4410, 0.2052,
0.1104

■ 8.8980, 0.1906,
0.0907

■ 7.3222, 0.1784,
0.0775

Harmonies

Analogous

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



66.3633, 0.3008, 0.3157



66.3633, 0.3075, 0.3157



66.3633, 0.3156, 0.3192

Triad

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



66.3633, 0.3075, 0.3157



66.3633, 0.3283, 0.3386



66.3633, 0.3024, 0.3328

Complementary

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



66.3633, 0.3075, 0.3157



72.5305, 0.3177, 0.3422

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.



66.3633, 0.3097, 0.3392



66.3633, 0.3075, 0.3157



66.3633, 0.3247, 0.3425

Square

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



66.3633, 0.3075, 0.3157



66.3633, 0.3277, 0.3323



66.3633, 0.3178, 0.3427



66.3633, 0.2979, 0.3255

Rectangle

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



66.3633, 0.3075, 0.3157



66.3633, 0.3208, 0.3230



66.3633, 0.3178, 0.3427



66.3633, 0.3046, 0.3351

Sweetspot

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



66.3661, 0.3075, 0.3157



96.1512, 0.3108, 0.3241



69.8367, 0.3045, 0.3245



20.6206, 0.3109, 0.3244



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.



66.3661, 0.3075, 0.3157



88.7439, 0.3068, 0.3140



67.2879, 0.3119, 0.3159



14.2690, 0.3062, 0.3125



4.0590, 0.1750, 0.0738



0.3292, 0.1921, 0.0832

Inverse Universe

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



67.3895, 0.3161, 0.3203



90.2982, 0.3165, 0.3192



71.6199, 0.3135, 0.3424



14.5448, 0.3169, 0.3182



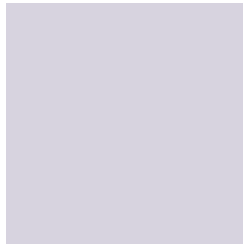
10.5101, 0.4274, 0.2128



0.7449, 0.4069, 0.2015

Previews

White Background



This preview shows how the Yxy color 66.3633, 0.3075, 0.3157 looks on a white background.

Color Contrast Check

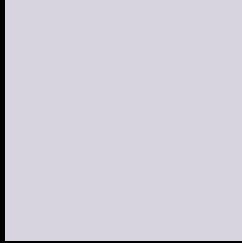
Large Text (above 18pt) WCAG AA × Fail

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 66.3633, 0.3075, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

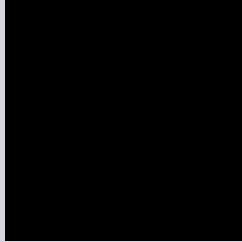
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

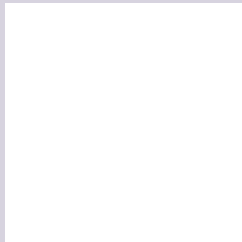
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3633, 0.3075, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 66.3633, 0.3075, 0.3157.

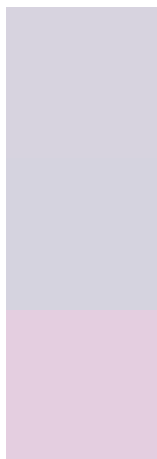


This preview shows how white text looks on a background with the Yxy color 66.3633, 0.3075, 0.3157.

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

66.3633, 0.3075, 0.3157

Protanopia

66.0624, 0.3060, 0.3156

Deuteranopia

66.0184, 0.3166, 0.3096



Tritanopia

66.2382, 0.3055, 0.3103

Trichromacy



Original Color

66.3633, 0.3075, 0.3157

Protanomaly

66.2124, 0.3068, 0.3157

Deuteranomaly

66.1815, 0.3128, 0.3116

Tritanomaly

66.1831, 0.3062, 0.3113

Monochromacy



Original Color

66.3633, 0.3075, 0.3157

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8944, 0.3107, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3633, 0.3075, 0.3157 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(215, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 223)  
}
```

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(215, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 223) }
```

Border

The CSS property to change the border of an element to Yxy 66.3633, 0.3075, 0.3157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

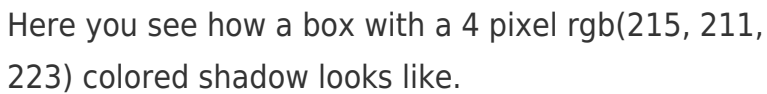
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 211, 223) }
```

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

```
.border{ border-color:rgb(215, 211, 223) }
```

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



Here you see how a box with a 4 pixel rgb(215, 211, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3633, 0.3075, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 223) }
```

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

```
.background{ background-color: rgb(215,  
211, 223) }
```

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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