

Converting Colors

Yxy(66.4686, 0.3137, 0.3300)

Have a look what the booklet for
Yxy(66.4686, 0.3137, 0.3300)
contains.

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Color

Yxy(66.4881, 0.3134, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D5D5D4
RGB	213, 213, 212
RGB Percent	84%, 84%, 83%
CMY	0.1646, 0.1647, 0.1686
CMYK	0.00, 0.00, 0.00, 0.16
HSL	59°, 1%, 83%
HSV	59°, 0%, 84%
XYZ	63.1244, 66.4881, 71.8055
YIQ	212.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

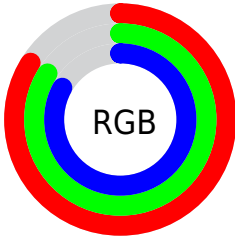
Format	Color
RYB	212, 213, 212
Decimal	14013908
CIELab	85.24, -0.16, 0.47
CIElCh	85, 0.501, 108.896
Yxy	66.4881, 0.3134, 0.3301
Android (android.graphics.Color)	4292203988 (0xFFD5D5D4)
YUV	212.8860, -0.4368, 0.1000
Hunter-Lab	81.5402, -4.5095, 4.8665

Details

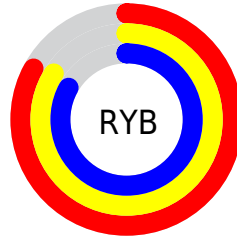
The Yxy color **66.4881, 0.3134, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9131, 0.3120, 0.3279**, and the grayscale version is **66.4662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1571, 0.3136, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **65.2398, 0.3283, 0.3541**, and if you desaturate by 10%, it is **67.8847, 0.2992, 0.3072**.

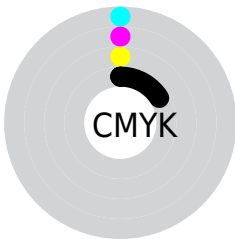
Distribution



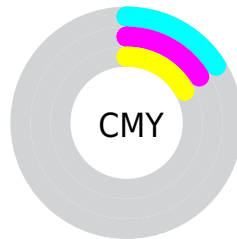
- Red (84%)
- Green (84%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4881, 0.3134, 0.3301 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 66.4881, 0.3134, 0.3301 by changing the saturation by 10% instead.

■ 66.4881, 0.3134,
0.3301

■ 66.4881, 0.3134,
0.3301

448.1205, 0.3131,
0.3296

■ 48.6687, 0.3135,
0.3302

114.1866, 0.3133,
0.3299

■ 34.3568, 0.3136,
0.3304

144.8345, 0.3132,
0.3299

■ 23.1678, 0.3137,
0.3306

180.5274, 0.3132,
0.3298

■ 14.7175, 0.3138,
0.3308

221.6497, 0.3132,
0.3297

■ 8.6213, 0.3141,
0.3312

268.5858, 0.3131,
0.3297

■ 4.4950, 0.3144,
0.3317

321.7200, 0.3131,

■ 1.9542, 0.3149,

0.3297

0.3325

381.4368, 0.3131,
0.3296

■ 0.5806, 0.3172,
0.3361

■ 0.0000, 0.0000,
0.0000

■ 66.4881, 0.3134,
0.3301

■ 66.4881, 0.3134,
0.3301

■ 65.2398, 0.3283,
0.3541

■ 67.8847, 0.2992,
0.3072

■ 64.1258, 0.3436,
0.3786

■ 69.4262, 0.2860,
0.2858

■ 63.1430, 0.3589,
0.4031

■ 69.6985, 0.2858,
0.2859

■ 62.2850, 0.3737,
0.4266

■ 69.9473, 0.2858,
0.2865

61.5452, 0.3874,
0.4482

70.1968, 0.2858,
0.2870

60.9160, 0.3994,
0.4669

70.4471, 0.2859,
0.2875

60.3891, 0.4092,
0.4819

70.6982, 0.2859,
0.2881

59.9550, 0.4165,
0.4927

70.9499, 0.2859,
0.2886

59.6023, 0.4210,
0.4991

71.2025, 0.2859,
0.2891

Harmonies

Analogous

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



66.4881, 0.3138, 0.3300



66.4881, 0.3134, 0.3301



66.4881, 0.3128, 0.3300

Triad

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



66.4881, 0.3134, 0.3301



66.4881, 0.3115, 0.3285



66.4881, 0.3133, 0.3285

Complementary

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



66.4881, 0.3134, 0.3301



65.9131, 0.3120, 0.3279

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.



66.4881, 0.3126, 0.3281



66.4881, 0.3134, 0.3301



66.4881, 0.3116, 0.3281

Square

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



66.4881, 0.3134, 0.3301



66.4881, 0.3117, 0.3290



66.4881, 0.3121, 0.3279



66.4881, 0.3137, 0.3290

Rectangle

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



66.4881, 0.3134, 0.3301



66.4881, 0.3124, 0.3297



66.4881, 0.3121, 0.3279



66.4881, 0.3131, 0.3283

Sweetspot

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



66.4910, 0.3134, 0.3301

100.0000, 0.3127, 0.3290



66.0019, 0.3134, 0.3290



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



66.4910, 0.3134, 0.3301



99.7995, 0.3142, 0.3314



66.4327, 0.3131, 0.3301



14.7043, 0.3141, 0.3312



36.2510, 0.4233, 0.5021



2.2023, 0.4226, 0.5027

Inverse Universe

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



65.9131, 0.3120, 0.3279



97.9402, 0.3112, 0.3266



65.9712, 0.3124, 0.3279



14.4487, 0.3113, 0.3268



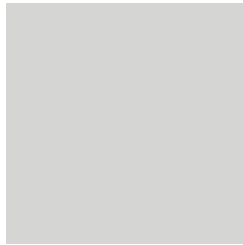
3.0198, 0.1505, 0.0616



0.1986, 0.1518, 0.0665

Previews

White Background



This preview shows how the Yxy color 66.4881, 0.3134, 0.3301 looks on a white background.

Color Contrast Check

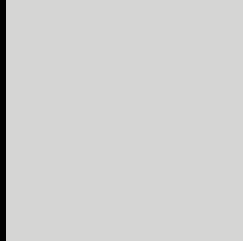
Large Text (above 18pt) WCAG AA × Fail

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 66.4881, 0.3134, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

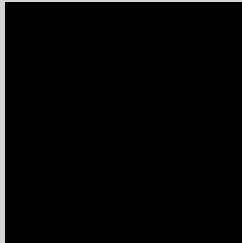
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

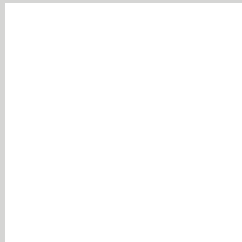
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4881, 0.3134, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 66.4881, 0.3134, 0.3301.

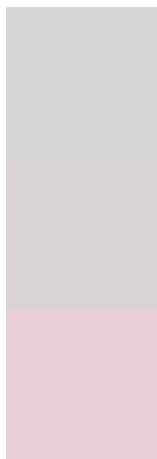


This preview shows how white text looks on a background with the Yxy color 66.4881, 0.3134, 0.3301.

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

66.4881, 0.3134, 0.3301

Protanopia

66.5418, 0.3171, 0.3301

Deuteranopia

66.2703, 0.3284, 0.3215



Tritanopia

66.5817, 0.3048, 0.3113

Trichromacy



Original Color

66.4881, 0.3134, 0.3301

Protanomaly

66.3890, 0.3164, 0.3301

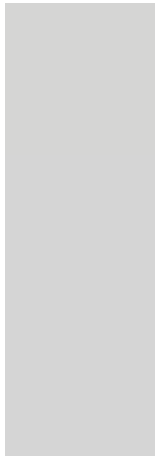
Deuteranomaly

66.5738, 0.3227, 0.3247

Tritanomaly

66.6570, 0.3074, 0.3179

Monochromacy



Original Color

66.4881, 0.3134, 0.3301

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5387, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4881, 0.3134, 0.3301 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(213, 213, 212)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 212)  
}
```

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(213, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 212) }
```

Border

The CSS property to change the border of an element to Yxy 66.4881, 0.3134, 0.3301 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(213, 213, 212) }
```

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

```
.border{ border-color:rgb(213, 213, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 213, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
212) }
```

Background

The CSS property to change the background color of an element to Yxy 66.4881, 0.3134, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 212) }
```

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

```
.background{ background-color: rgb(213,  
213, 212) }
```

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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