

Converting Colors

Yxy(66.3325, 0.3145, 0.3319)

Have a look what the booklet for
Yxy(66.3325, 0.3145, 0.3319)
contains.

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Color

Yxy(66.3878, 0.3148, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	D5D5D2
RGB	213, 213, 210
RGB Percent	84%, 84%, 82%
CMY	0.1646, 0.1647, 0.1765
CMYK	0.00, 0.00, 0.01, 0.16
HSL	59°, 4%, 83%
HSV	59°, 1%, 84%
XYZ	62.8727, 66.3878, 70.4621
YIQ	212.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

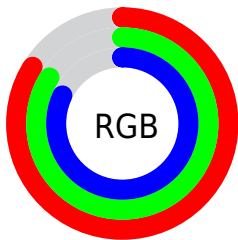
Format	Color
RYB	210, 213, 210
Decimal	14013906
CIELab	85.19, -0.52, 1.48
CIElCh	85, 1.569, 109.491
Yxy	66.3878, 0.3148, 0.3324
Android (android.graphics.Color)	4292203986 (0xFFD5D5D2)
YUV	212.6580, -1.3104, 0.2999
Hunter-Lab	81.4787, -4.8490, 5.7616

Details

The Yxy color **66.3878, 0.3148, 0.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6079, 0.3106, 0.3256**, and the grayscale version is **66.3115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1231, 0.3145, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **65.2768, 0.3297, 0.3567**, and if you desaturate by 10%, it is **67.6461, 0.3006, 0.3091**.

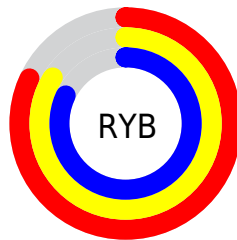
Distribution



Red (84%)

Green (84%)

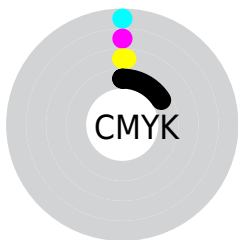
Blue (82%)



Red (82%)

Yellow (84%)

Blue (82%)

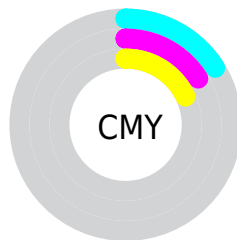


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3878, 0.3148, 0.3324 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 66.3878, 0.3148, 0.3324 by changing the saturation by 10% instead.

■ 66.3878, 0.3148,
0.3324

■ 66.3878, 0.3148,
0.3324

447.7625, 0.3138,
0.3308

■ 48.5873, 0.3150,
0.3328

114.0428, 0.3145,
0.3318

■ 34.2922, 0.3153,
0.3332

144.6660, 0.3143,
0.3316

■ 23.1182, 0.3157,
0.3338

180.3322, 0.3142,
0.3314

■ 14.6808, 0.3162,
0.3346

221.4259, 0.3141,
0.3313

■ 8.5957, 0.3168,
0.3357

268.3313, 0.3140,
0.3311

■ 4.4784, 0.3178,
0.3373

321.4330, 0.3140,

■ 1.9446, 0.3194,

0.3310

0.3400

381.1153, 0.3139,
0.3309

■ 0.5750, 0.3272,
0.3525

■ 0.0000, 0.0000,
0.0000

■ 66.3878, 0.3148,
0.3324

■ 66.3878, 0.3148,
0.3324

■ 65.2768, 0.3297,
0.3567

■ 67.6461, 0.3006,
0.3091

■ 64.2988, 0.3450,
0.3815

■ 69.0483, 0.2872,
0.2873

■ 63.4510, 0.3601,
0.4062

■ 69.3249, 0.2858,
0.2851

■ 62.7269, 0.3747,
0.4297

■ 69.4474, 0.2858,
0.2854

62.1197, 0.3880,
0.4512

69.5702, 0.2858,
0.2857

61.6218, 0.3995,
0.4698

69.6931, 0.2858,
0.2859

61.2247, 0.4088,
0.4845

69.8162, 0.2858,
0.2862

60.9190, 0.4154,
0.4949

69.9395, 0.2858,
0.2865

60.6929, 0.4195,
0.5011

70.0630, 0.2858,
0.2867

Harmonies

Analogous

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



66.3878, 0.3161, 0.3319



66.3878, 0.3148, 0.3324



66.3878, 0.3129, 0.3319

Triad

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



66.3878, 0.3148, 0.3324



66.3878, 0.3089, 0.3273



66.3878, 0.3145, 0.3274

Complementary

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



66.3878, 0.3148, 0.3324



64.6079, 0.3106, 0.3256

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.



66.3878, 0.3125, 0.3261



66.3878, 0.3148, 0.3324



66.3878, 0.3093, 0.3261

Square

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



66.3878, 0.3148, 0.3324



66.3878, 0.3095, 0.3290



66.3878, 0.3106, 0.3257



66.3878, 0.3159, 0.3290

Rectangle

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



66.3878, 0.3148, 0.3324



66.3878, 0.3116, 0.3312



66.3878, 0.3106, 0.3257



66.3878, 0.3138, 0.3269

Sweetspot

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



66.3907, 0.3148, 0.3324

100.0000, 0.3127, 0.3290



64.8915, 0.3150, 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.



66.3907, 0.3148, 0.3324



99.6388, 0.3157, 0.3338



66.1888, 0.3137, 0.3325



14.6822, 0.3155, 0.3335



36.9822, 0.4213, 0.5037



2.2386, 0.4209, 0.5040

Inverse Universe

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



64.6079, 0.3106, 0.3256



95.8706, 0.3097, 0.3241



64.8079, 0.3117, 0.3256



14.1639, 0.3099, 0.3245



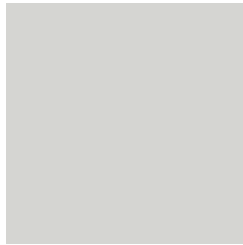
2.9767, 0.1502, 0.0608



0.1877, 0.1509, 0.0633

Previews

White Background



This preview shows how the Yxy color 66.3878, 0.3148, 0.3324 looks on a white background.

Color Contrast Check

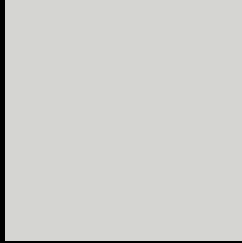
Large Text (above 18pt) WCAG AA × Fail

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 66.3878, 0.3148, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

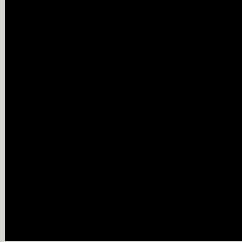
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

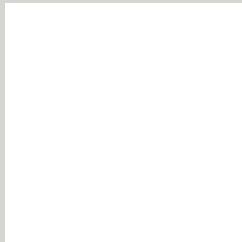
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3878, 0.3148, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 66.3878, 0.3148, 0.3324.

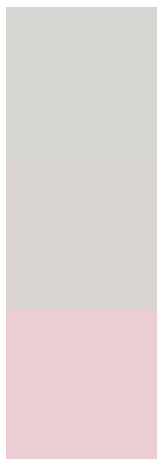


This preview shows how white text looks on a background with the Yxy color 66.3878, 0.3148, 0.3324.

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

66.3878, 0.3148, 0.3324

Protanopia

66.4421, 0.3185, 0.3324

Deuteranopia

66.3382, 0.3306, 0.3237



Tritanopia

66.2382, 0.3055, 0.3103

Trichromacy



Original Color

66.3878, 0.3148, 0.3324

Protanomaly

66.2893, 0.3177, 0.3324

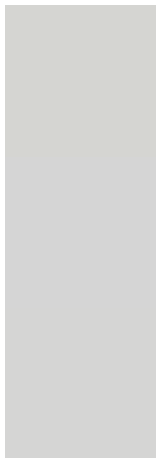
Deuteranomaly

66.4728, 0.3241, 0.3268

Tritanomaly

66.2561, 0.3088, 0.3179

Monochromacy



Original Color

66.3878, 0.3148, 0.3324

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4881, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3878, 0.3148, 0.3324 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 210) }
```

Border

The CSS property to change the border of an element to Yxy 66.3878, 0.3148, 0.3324 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, 210) }
```

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

```
.border{ border-color:rgb(213, 213, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
210) }
```

Background

The CSS property to change the background color of an element to Yxy 66.3878, 0.3148, 0.3324 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, 210) }
```

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

```
.background{ background-color: rgb(213,  
213, 210) }
```

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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