

Converting Colors

$Yxy(66.1305, 0.3078, 0.3297)$

Have a look what the booklet for
Yxy(66.1305, 0.3078, 0.3297)
contains.

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Color

Yxy(66.1626, 0.3083, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	CFD6D5
RGB	207, 214, 213
RGB Percent	81%, 84%, 84%
CMY	0.1882, 0.1608, 0.1646
CMYK	0.03, 0.00, 0.00, 0.16
HSL	172°, 8%, 83%
HSV	172°, 3%, 84%
XYZ	61.7932, 66.1626, 72.4762
YIQ	211.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

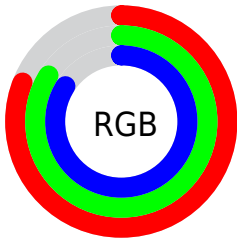
Format	Color
RYB	207, 211, 214
Decimal	13620949
CIELab	85.08, -2.54, -0.35
CIELCh	85, 2.562, 187.879
Yxy	66.1626, 0.3083, 0.3301
Android (android.graphics.Color)	4291811029 (0xFFCFD6D5)
YUV	211.7930, 0.5951, -4.2035
Hunter-Lab	81.3404, -6.7417, 4.1095

Details

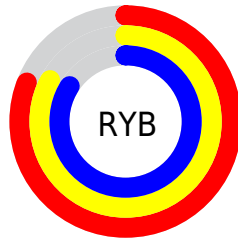
The Yxy color **66.1626, 0.3083, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4821, 0.3173, 0.3279**, and the grayscale version is **65.6950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0372, 0.3079, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **63.1377, 0.2951, 0.3337**, and if you desaturate by 10%, it is **69.6138, 0.3219, 0.3268**.

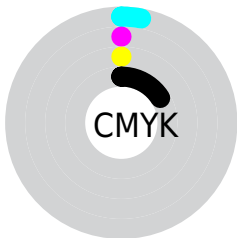
Distribution



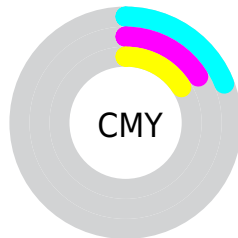
- Red (81%)
- Green (84%)
- Blue (84%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1626, 0.3083, 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 66.1626, 0.3083, 0.3301 by changing the saturation by 10% instead.

■ 66.1626, 0.3083,
0.3301

■ 66.1626, 0.3083,
0.3301

446.9582, 0.3104,
0.3296

■ 48.4044, 0.3078,
0.3302

113.7197, 0.3090,
0.3299

■ 34.1473, 0.3072,
0.3304

144.2874, 0.3093,
0.3299

■ 23.0067, 0.3064,
0.3305

179.8936, 0.3096,
0.3298

■ 14.5985, 0.3054,
0.3308

220.9229, 0.3098,
0.3297

■ 8.5381, 0.3040,
0.3311

267.7597, 0.3099,
0.3297

■ 4.4411, 0.3019,
0.3316

320.7882, 0.3101,

■ 1.9233, 0.2984,

0.3297

380.3929, 0.3103,
0.3296

0.3325

0.5623, 0.2827,
0.3364

0.0000, 0.0000,
0.0000

66.1626, 0.3083,
0.3301

66.1626, 0.3083,
0.3301

63.1377, 0.2951,
0.3337

69.6138, 0.3219,
0.3268

60.5138, 0.2827,
0.3376


73.4985, 0.3358,
0.3239

58.2759, 0.2713,
0.3419


74.6287, 0.3375,
0.3210


56.4050, 0.2612,
0.3464

74.7913, 0.3354,
0.3180

 54.8802, 0.2527,
0.3511


 74.9567, 0.3332,
0.3150


 53.6786, 0.2459,
0.3560


 75.1251, 0.3311,
0.3120

 52.7744, 0.2411,
0.3609

 75.2964, 0.3290,
0.3091

 52.1382, 0.2383,
0.3659

 75.4706, 0.3269,
0.3061

 51.7340, 0.2372,
0.3708

 75.6478, 0.3248,
0.3032

Harmonies

Analogous

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



66.1626, 0.3111, 0.3327



66.1626, 0.3083, 0.3301



66.1626, 0.3067, 0.3272

Triad

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



66.1626, 0.3083, 0.3301



66.1626, 0.3111, 0.3238



66.1626, 0.3187, 0.3331

Complementary

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



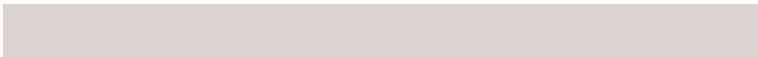
66.1626, 0.3083, 0.3301



63.4821, 0.3173, 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.



66.1626, 0.3188, 0.3308



66.1626, 0.3083, 0.3301



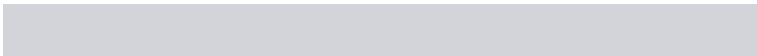
66.1626, 0.3144, 0.3254

Square

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



66.1626, 0.3083, 0.3301



66.1626, 0.3084, 0.3236



66.1626, 0.3172, 0.3279



66.1626, 0.3171, 0.3344

Rectangle

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



66.1626, 0.3083, 0.3301



66.1626, 0.3065, 0.3256



66.1626, 0.3172, 0.3279



66.1626, 0.3189, 0.3324

Sweetspot

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



66.1654, 0.3083, 0.3301



99.4965, 0.3113, 0.3293



66.0175, 0.3131, 0.3370



21.3017, 0.3114, 0.3293



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.



66.1654, 0.3083, 0.3301



98.0246, 0.3073, 0.3304



64.9869, 0.3077, 0.3262



14.3940, 0.3064, 0.3306



31.1715, 0.2371, 0.3734



1.8885, 0.2347, 0.3649

Inverse Universe

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



63.4821, 0.3173, 0.3279



93.1119, 0.3185, 0.3276



64.6281, 0.3178, 0.3318



13.5539, 0.3195, 0.3274



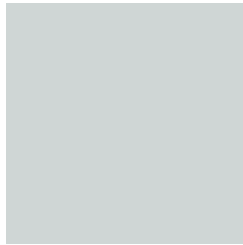
8.7070, 0.6204, 0.3191



0.5345, 0.5796, 0.2967

Previews

White Background



This preview shows how the Yxy color 66.1626, 0.3083, 0.3301 looks on a white background.

Color Contrast Check

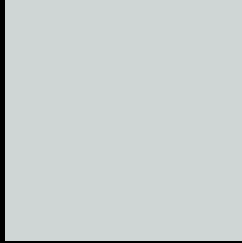
Large Text (above 18pt) WCAG AA × Fail

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 66.1626, 0.3083, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

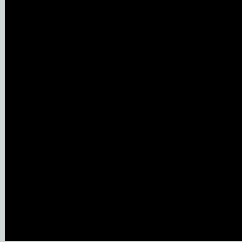
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

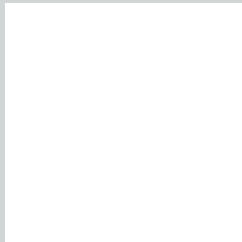
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1626, 0.3083, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 66.1626, 0.3083, 0.3301.

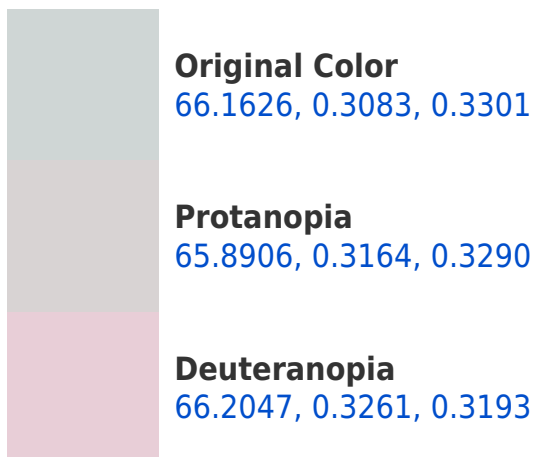


This preview shows how white text looks on a background with the Yxy color 66.1626, 0.3083, 0.3301.

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





Tritanopia

66.2437, 0.2999, 0.3111

Trichromacy



Original Color

66.1626, 0.3083, 0.3301

Protanomaly

65.9866, 0.3135, 0.3290

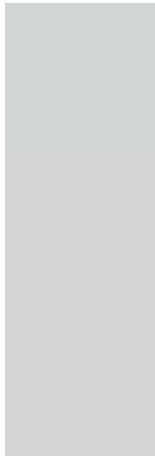
Deuteranomaly

66.1439, 0.3197, 0.3235

Tritanomaly

66.3261, 0.3024, 0.3177

Monochromacy



Original Color

66.1626, 0.3083, 0.3301

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 66.1626, 0.3083, 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(207, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(207, 214, 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(207, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 214, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.1626, 0.3083, 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(207, 214, 213) }
```

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

```
.border{ border-color:rgb(207, 214, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 214, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 214, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 214, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 214,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1626, 0.3083, 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(207, 214, 213) }
```

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

```
.background{ background-color: rgb(207,  
214, 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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