

Converting Colors

Yxy(66.2862, 0.3105, 0.3261)

Have a look what the booklet for
Yxy(66.2862, 0.3105, 0.3261)
contains.

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Color

Yxy(66.4918, 0.3106, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D4D5D7
RGB	212, 213, 215
RGB Percent	83%, 84%, 84%
CMY	0.1686, 0.1647, 0.1567
CMYK	0.01, 0.01, 0.00, 0.16
HSL	220°, 4%, 84%
HSV	220°, 1%, 84%
XYZ	63.2150, 66.4918, 73.8187
YIQ	212.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

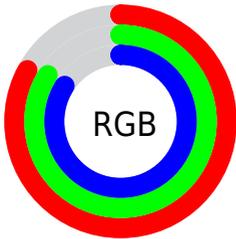
Format	Color
R _Y B	212, 213, 215
Decimal	13948375
CIE Lab	85.25, 0.04, -1.13
CIE LCh	85, 1.135, 271.927
Yxy	66.4918, 0.3106, 0.3267
Android (android.graphics.Color)	4292138455 (0xFFD4D5D7)
YUV	212.9290, 1.0210, -0.8147
Hunter-Lab	81.5425, -4.3190, 3.4058

Details

The Yxy color **66.4918, 0.3106, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3196, 0.3148, 0.3313**, and the grayscale version is **66.4862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1599, 0.3100, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **56.5734, 0.2950, 0.3093**, and if you desaturate by 10%, it is **77.4866, 0.3250, 0.3421**.

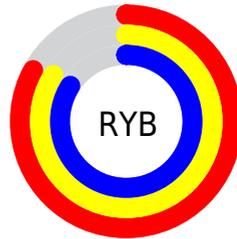
Distribution



Red (83%)

Green (84%)

Blue (84%)



Red (83%)

Yellow (84%)

Blue (84%)

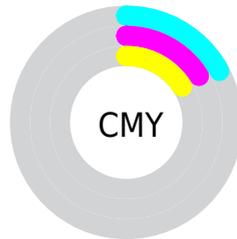


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (16%)



Cyan (17%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4918, 0.3106, 0.3267 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 66.4918, 0.3106, 0.3267 by changing the saturation by 10% instead.

■ 66.4918, 0.3106,
0.3267

■ 66.4918, 0.3106,
0.3267

448.1337, 0.3116,
0.3278

■ 48.6717, 0.3104,
0.3264

114.1919, 0.3110,
0.3271

■ 34.3592, 0.3101,
0.3261

144.8408, 0.3111,
0.3272

■ 23.1697, 0.3097,
0.3257

180.5346, 0.3112,
0.3274

■ 14.7188, 0.3092,
0.3252

221.6580, 0.3113,
0.3275

■ 8.6223, 0.3085,
0.3244

268.5952, 0.3114,
0.3276

■ 4.4956, 0.3075,
0.3233

321.7306, 0.3115,

■ 1.9545, 0.3058,

0.3276

0.3215

381.4486, 0.3115,
0.3277

0.5808, 0.2996,
0.3147

0.0000, 0.0000,
0.0000

66.4918, 0.3106,
0.3267

66.4918, 0.3106,
0.3267

56.5734, 0.2950,
0.3093

77.4866, 0.3250,
0.3421

47.6896, 0.2783,
0.2897

89.5797, 0.3383,
0.3556

39.8079, 0.2607,
0.2681

97.6884, 0.3363,
0.3680

32.8910, 0.2428,
0.2446

■ 26.8991, 0.2249,
0.2196

■ 21.7895, 0.2077,
0.1938

■ 17.5155, 0.1922,
0.1681

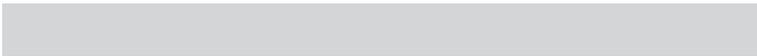
■ 14.0254, 0.1791,
0.1437

■ 11.2603, 0.1689,
0.1216

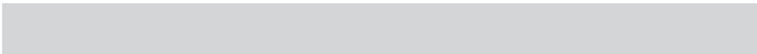
Harmonies

Analogous

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



66.4918, 0.3100, 0.3274



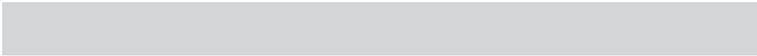
66.4918, 0.3106, 0.3267



66.4918, 0.3118, 0.3267

Triad

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



66.4918, 0.3106, 0.3267



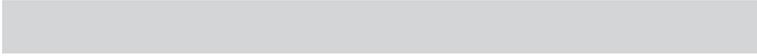
66.4918, 0.3153, 0.3296



66.4918, 0.3123, 0.3308

Complementary

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



66.4918, 0.3106, 0.3267



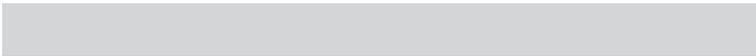
67.3196, 0.3148, 0.3313

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.



66.4918, 0.3137, 0.3314



66.4918, 0.3106, 0.3267



66.4918, 0.3154, 0.3307

Square

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



66.4918, 0.3106, 0.3267



66.4918, 0.3145, 0.3283



66.4918, 0.3149, 0.3313



66.4918, 0.3110, 0.3297

Rectangle

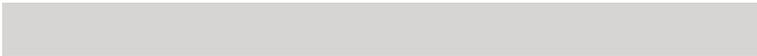
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



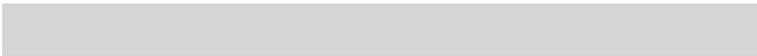
66.4918, 0.3106, 0.3267



66.4918, 0.3127, 0.3270



66.4918, 0.3149, 0.3313



66.4918, 0.3128, 0.3311

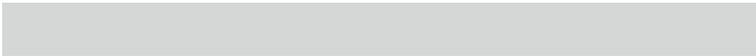
Sweetspot

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



66.4946, 0.3106, 0.3267

100.0000, 0.3127, 0.3290



67.4750, 0.3112, 0.3301



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

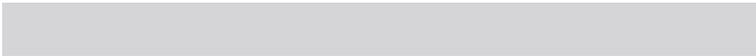
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4946, 0.3106, 0.3267



96.8827, 0.3097, 0.3257



66.0678, 0.3110, 0.3256



14.3032, 0.3099, 0.3259



5.7895, 0.1633, 0.1079



0.4986, 0.1731, 0.1430

Inverse Universe

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



66.3443, 0.3143, 0.3279



96.5707, 0.3150, 0.3274



67.7516, 0.3144, 0.3324



14.2602, 0.3148, 0.3275



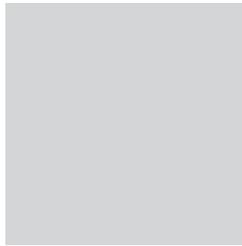
8.9293, 0.5641, 0.2881



0.5537, 0.5150, 0.2611

Previews

White Background



This preview shows how the Yxy color 66.4918, 0.3106, 0.3267 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 66.4918, 0.3106, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

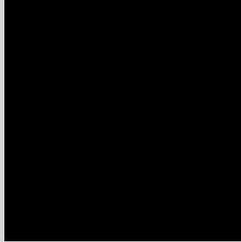
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

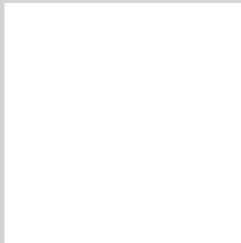
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4918, 0.3106, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 66.4918, 0.3106, 0.3267.

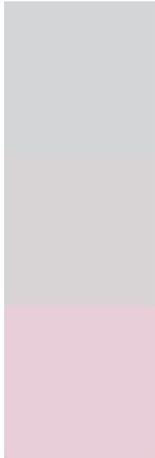


This preview shows how white text looks on a background with the Yxy color 66.4918, 0.3106, 0.3267.

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

66.4918, 0.3106, 0.3267

Protanopia

66.5409, 0.3143, 0.3268

Deuteranopia

66.2563, 0.3254, 0.3183



Tritanopia

66.4861, 0.3034, 0.3102

Trichromacy



Original Color

66.4918, 0.3106, 0.3267

Protanomaly

66.3891, 0.3136, 0.3268

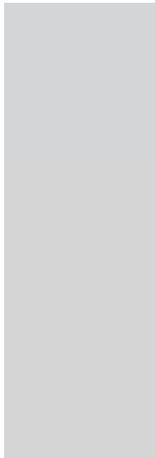
Deuteranomaly

66.5663, 0.3198, 0.3214

Tritanomaly

66.5608, 0.3060, 0.3168

Monochromacy



Original Color

66.4918, 0.3106, 0.3267

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5897, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4918, 0.3106, 0.3267 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(212, 213, 215) looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 215)  
}
```

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(212, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 215) }
```

Border

The CSS property to change the border of an element to Yxy 66.4918, 0.3106, 0.3267 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(212, 213, 215) }
```

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

```
.border{ border-color:rgb(212, 213, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 213, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 213, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 213, 215); box-shadow:4px 4px 4px 4px rgb(212, 213, 215) }
```

Background

The CSS property to change the background color of an element to Yxy 66.4918, 0.3106, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 215) }
```

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

```
.background{ background-color: rgb(212,  
213, 215) }
```

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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