

Converting Colors

Yxy(66.4311, 0.3102, 0.3241)

Have a look what the booklet for
Yxy(66.4311, 0.3102, 0.3241)
contains.

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Color

Yxy(66.2429, 0.3100, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	D5D4D9
RGB	213, 212, 217
RGB Percent	84%, 83%, 85%
CMY	0.1649, 0.1685, 0.1490
CMYK	0.02, 0.02, 0.00, 0.15
HSL	251°, 6%, 84%
HSV	251°, 2%, 85%
XYZ	63.4981, 66.2429, 75.0917
YIQ	212.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

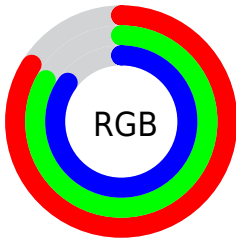
Format	Color
R _Y B	213, 212, 217
Decimal	14013657
CIE Lab	85.12, 1.23, -2.36
CIE LCh	85, 2.660, 297.638
Yxy	66.2429, 0.3100, 0.3234
Android (android.graphics.Color)	4292203737 (0xFFD5D4D9)
YUV	212.8690, 2.0366, 0.1149
Hunter-Lab	81.3897, -3.1710, 2.2708

Details

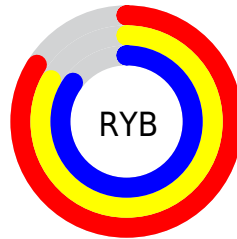
The Yxy color **66.2429, 0.3100, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9974, 0.3154, 0.3346**, and the grayscale version is **66.4316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9917, 0.3092, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **53.6159, 0.2971, 0.2972**, and if you desaturate by 10%, it is **80.6215, 0.3211, 0.3466**.

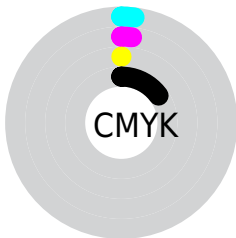
Distribution



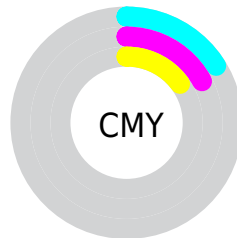
- Red (84%)
- Green (83%)
- Blue (85%)



- Red (84%)
- Yellow (83%)
- Blue (85%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2429, 0.3100, 0.3234 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 66.2429, 0.3100, 0.3234 by changing the saturation by 10% instead.

■ 66.2429, 0.3100,
0.3234

■ 66.2429, 0.3100,
0.3234

447.2451, 0.3113,
0.3260

■ 48.4696, 0.3097,
0.3228

113.8349, 0.3105,
0.3243

■ 34.1989, 0.3093,
0.3220

144.4224, 0.3106,
0.3247

■ 23.0465, 0.3088,
0.3210

180.0501, 0.3108,
0.3250

■ 14.6278, 0.3082,
0.3198

221.1023, 0.3109,
0.3253

■ 8.5586, 0.3073,
0.3180

267.9636, 0.3110,
0.3255

■ 4.4544, 0.3060,
0.3153

321.0182, 0.3111,

■ 1.9309, 0.3038,

0.3257

0.3110

380.6505, 0.3112,
0.3259

0.5668, 0.2967,
0.2956

0.0000, 0.0000,
0.0000

66.2429, 0.3100,
0.3234

66.2429, 0.3100,
0.3234

53.6159, 0.2971,
0.2972

80.6215, 0.3211,
0.3466

42.6649, 0.2823,
0.2682

96.5367, 0.3307,
0.3666

33.3216, 0.2658,
0.2365

97.7903, 0.3351,
0.3661

25.5096, 0.2477,
0.2032

■ 19.1463, 0.2287,
0.1695

■ 14.1412, 0.2097,
0.1373

■ 10.3933, 0.1918,
0.1090

■ 7.7874, 0.1765,
0.0865

■ 6.1863, 0.1646,
0.0715

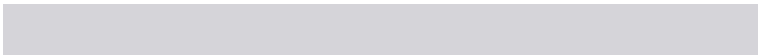
Harmonies

Analogous

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



66.2429, 0.3074, 0.3237



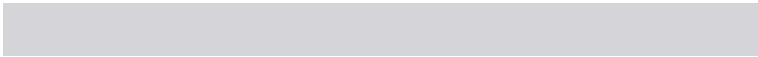
66.2429, 0.3100, 0.3234



66.2429, 0.3133, 0.3246

Triad

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



66.2429, 0.3100, 0.3234



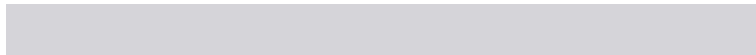
66.2429, 0.3192, 0.3325



66.2429, 0.3090, 0.3311

Complementary

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



66.2429, 0.3100, 0.3234



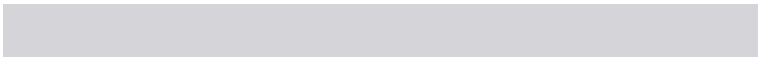
68.9974, 0.3154, 0.3346

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.



66.2429, 0.3121, 0.3335



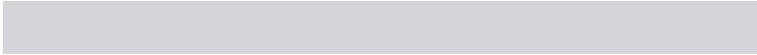
66.2429, 0.3100, 0.3234



66.2429, 0.3180, 0.3343

Square

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



66.2429, 0.3100, 0.3234



66.2429, 0.3186, 0.3298



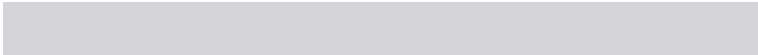
66.2429, 0.3154, 0.3347



66.2429, 0.3069, 0.3282

Rectangle

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



66.2429, 0.3100, 0.3234



66.2429, 0.3155, 0.3260



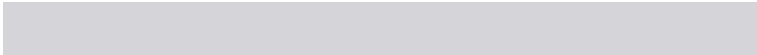
66.2429, 0.3154, 0.3347



66.2429, 0.3100, 0.3320

Sweetspot

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



66.2457, 0.3100, 0.3234



97.9923, 0.3115, 0.3266



68.1713, 0.3092, 0.3280



20.9955, 0.3116, 0.3267



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.



66.2457, 0.3100, 0.3234



94.0540, 0.3091, 0.3216



66.6196, 0.3118, 0.3234



14.3443, 0.3082, 0.3197



3.3441, 0.1590, 0.0650



0.2516, 0.1738, 0.0731

Inverse Universe

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



66.8124, 0.3136, 0.3245



95.1244, 0.3139, 0.3231



68.6220, 0.3136, 0.3346



14.5502, 0.3142, 0.3216



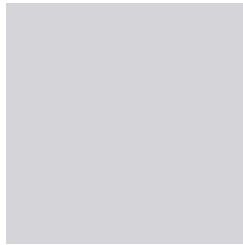
10.8567, 0.3741, 0.1835



0.7143, 0.3639, 0.1778

Previews

White Background



This preview shows how the Yxy color 66.2429, 0.3100, 0.3234 looks on a white background.

Color Contrast Check

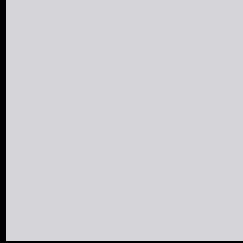
Large Text (above 18pt) WCAG AA × Fail

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 66.2429, 0.3100, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

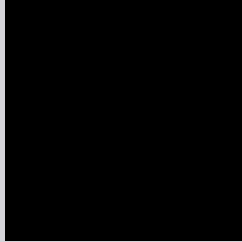
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

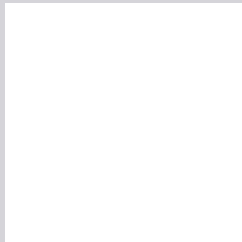
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2429, 0.3100, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 66.2429, 0.3100, 0.3234.

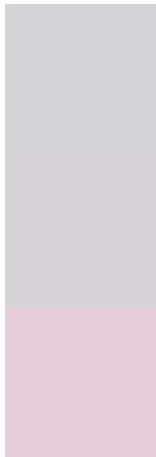


This preview shows how white text looks on a background with the Yxy color 66.2429, 0.3100, 0.3234.

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

66.2429, 0.3100, 0.3234

Protanopia

66.0454, 0.3116, 0.3223

Deuteranopia

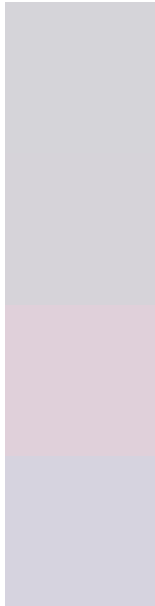
66.0276, 0.3224, 0.3161



Tritanopia

66.0863, 0.3048, 0.3102

Trichromacy



Original Color

66.2429, 0.3100, 0.3234

Protanomaly

65.8944, 0.3108, 0.3223

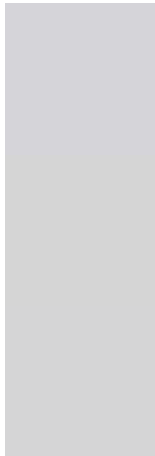
Deuteranomaly

66.0210, 0.3177, 0.3181

Tritanomaly

66.2124, 0.3068, 0.3157

Monochromacy



Original Color

66.2429, 0.3100, 0.3234

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 66.2429, 0.3100, 0.3234 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, 212, 217) looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 217)  
}
```

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, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 217) }
```

Border

The CSS property to change the border of an element to Yxy 66.2429, 0.3100, 0.3234 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, 212, 217) }
```

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

```
.border{ border-color:rgb(213, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2429, 0.3100, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 217) }
```

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

```
.background{ background-color: rgb(213,  
212, 217) }
```

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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