

Converting Colors

$Yxy(65.5605, 0.3097, 0.3263)$

Have a look what the booklet for
Yxy(65.5605, 0.3097, 0.3263)
contains.

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Color

Yxy(65.6436, 0.3099, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D2D4D6
RGB	210, 212, 214
RGB Percent	82%, 83%, 84%
CMY	0.1763, 0.1687, 0.1607
CMYK	0.02, 0.01, 0.00, 0.16
HSL	210°, 5%, 83%
HSV	210°, 2%, 84%
XYZ	62.2680, 65.6436, 73.0177
YIQ	211.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

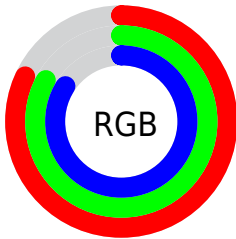
Format	Color
R _Y B	210, 211, 214
Decimal	13817046
CIE Lab	84.81, -0.29, -1.24
CIE LCh	85, 1.275, 256.912
Yxy	65.6436, 0.3099, 0.3267
Android (android.graphics.Color)	4292007126 (0xFFD2D4D6)
YUV	211.6300, 1.1684, -1.4295
Hunter-Lab	81.0207, -4.6012, 3.2810

Details

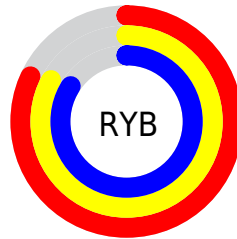
The Yxy color `65.6436, 0.3099, 0.3267` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `66.0697, 0.3156, 0.3313`, and the grayscale version is `65.5781, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `33.6851, 0.3099, 0.3260` is the 20% darker color. If you saturate the color by 10%, you get `57.4567, 0.2944, 0.3135`, and if you desaturate by 10%, it is `74.6224, 0.3247, 0.3385`.

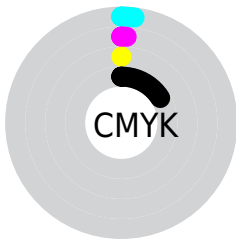
Distribution



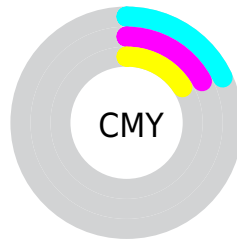
- Red (82%)
- Green (83%)
- Blue (84%)



- Red (82%)
- Yellow (83%)
- Blue (84%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6436, 0.3099, 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 65.6436, 0.3099, 0.3267 by changing the saturation by 10% instead.

■ 65.6436, 0.3099,
0.3267

■ 65.6436, 0.3099,
0.3267

445.1012, 0.3112,
0.3278

■ 47.9831, 0.3096,
0.3264

112.9747, 0.3104,
0.3271

■ 33.8135, 0.3092,
0.3261

143.4140, 0.3105,
0.3272

■ 22.7504, 0.3087,
0.3257

178.8818, 0.3107,
0.3274

■ 14.4093, 0.3080,
0.3252

219.7625, 0.3108,
0.3275

■ 8.4059, 0.3071,
0.3244

266.4403, 0.3110,
0.3276

■ 4.3557, 0.3058,
0.3233

319.2998, 0.3111,

■ 1.8745, 0.3035,

0.3277

0.3214

378.7253, 0.3111,
0.3277

■ 0.5330, 0.2939,
0.3136

■ 0.0000, 0.0000,
0.0000

■ 65.6436, 0.3099,
0.3267

■ 65.6436, 0.3099,
0.3267

■ 57.4567, 0.2944,
0.3135

■ 74.6224, 0.3247,
0.3385

■ 50.0297, 0.2782,
0.2988

■ 84.4072, 0.3387,
0.3489

■ 43.3402, 0.2618,
0.2826

■ 91.1891, 0.3385,
0.3593

■ 37.3618, 0.2455,
0.2650

■ 97.6359, 0.3369,
0.3691

■ 32.0659, 0.2296,
0.2463

■ 27.4219, 0.2148,
0.2267

■ 23.3961, 0.2015,
0.2068

■ 19.9507, 0.1903,
0.1870

■ 17.0417, 0.1816,
0.1681

Harmonies

Analogous

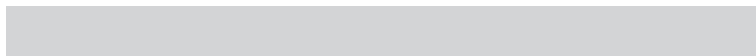
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.6436, 0.3096, 0.3277



65.6436, 0.3099, 0.3267



65.6436, 0.3109, 0.3263

Triad

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



65.6436, 0.3099, 0.3267



65.6436, 0.3153, 0.3289



65.6436, 0.3130, 0.3315

Complementary

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



65.6436, 0.3099, 0.3267



66.0697, 0.3156, 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.



65.6436, 0.3145, 0.3318



65.6436, 0.3099, 0.3267



65.6436, 0.3158, 0.3303

Square

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



65.6436, 0.3099, 0.3267



65.6436, 0.3140, 0.3276



65.6436, 0.3156, 0.3313



65.6436, 0.3114, 0.3305

Rectangle

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



65.6436, 0.3099, 0.3267



65.6436, 0.3119, 0.3264



65.6436, 0.3156, 0.3313



65.6436, 0.3136, 0.3316

Sweetspot

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



65.6464, 0.3099, 0.3267



98.6957, 0.3112, 0.3278



66.5635, 0.3112, 0.3312



21.1387, 0.3113, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

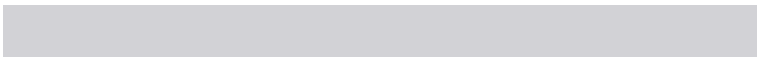
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6464, 0.3099, 0.3267



97.4033, 0.3097, 0.3265



64.6728, 0.3100, 0.3245



14.3748, 0.3099, 0.3267



9.2814, 0.1767, 0.1560



0.7253, 0.1855, 0.1877

Inverse Universe

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



65.1621, 0.3143, 0.3268



96.6233, 0.3145, 0.3266



67.0557, 0.3154, 0.3335



14.2674, 0.3143, 0.3268



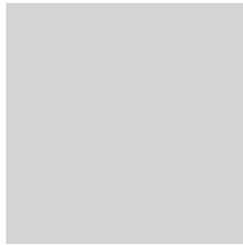
9.2818, 0.4981, 0.2518



0.5765, 0.4594, 0.2304

Previews

White Background



This preview shows how the Yxy color 65.6436, 0.3099, 0.3267 looks on a white background.

Color Contrast Check

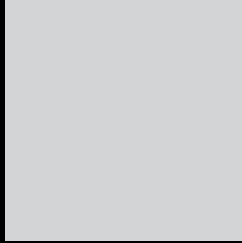
Large Text (above 18pt) WCAG AA × Fail

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 65.6436, 0.3099, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

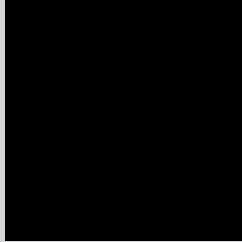
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

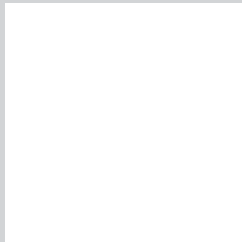
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6436, 0.3099, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 65.6436, 0.3099, 0.3267.

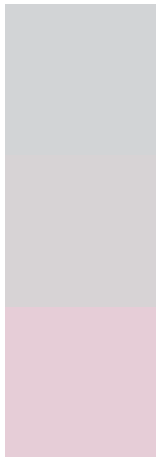


This preview shows how white text looks on a background with the Yxy color 65.6436, 0.3099, 0.3267.

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

65.6436, 0.3099, 0.3267

Protanopia

65.8397, 0.3143, 0.3268

Deuteranopia

65.3919, 0.3247, 0.3182



Tritanopia

65.6363, 0.3027, 0.3101

Trichromacy



Original Color

65.6436, 0.3099, 0.3267

Protanomaly

65.5388, 0.3128, 0.3267

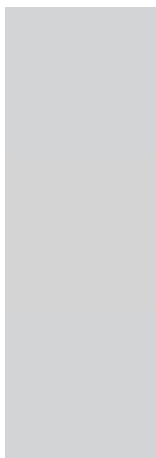
Deuteranomaly

65.7060, 0.3191, 0.3213

Tritanomaly

65.7113, 0.3053, 0.3167

Monochromacy



Original Color

65.6436, 0.3099, 0.3267

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7399, 0.3113, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6436, 0.3099, 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(210, 212, 214)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 214)  
}
```

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(210, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 214) }
```

Border

The CSS property to change the border of an element to Yxy 65.6436, 0.3099, 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(210, 212, 214) }
```

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

```
.border{ border-color:rgb(210, 212, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6436, 0.3099, 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(210, 212, 214) }
```

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

```
.background{ background-color: rgb(210,  
212, 214) }
```

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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