

Converting Colors

$Y_{xy}(65.9561, 0.3059, 0.3200)$

Have a look what the booklet for
Yxy(65.9561, 0.3059, 0.3200)
contains.

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Color

Yxy(65.9559, 0.3059, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	D2D4DC
RGB	210, 212, 220
RGB Percent	82%, 83%, 86%
CMY	0.1763, 0.1687, 0.1373
CMYK	0.05, 0.04, 0.00, 0.14
HSL	228°, 12%, 84%
HSV	228°, 5%, 86%
XYZ	63.0497, 65.9559, 77.1066
YIQ	212.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

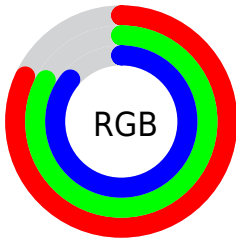
Format	Color
R _Y B	210, 212, 220
Decimal	13817052
CIE Lab	84.97, 0.83, -4.18
CIE LCh	85, 4.257, 281.282
Yxy	65.9559, 0.3059, 0.3200
Android (android.graphics.Color)	4292007132 (0xFFD2D4DC)
YUV	212.3140, 3.7892, -2.0294
Hunter-Lab	81.2132, -3.5451, 0.5574

Details

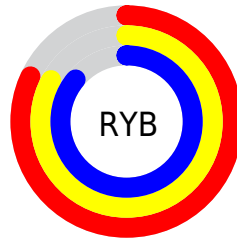
The Yxy color `65.9559, 0.3059, 0.3200` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `70.0378, 0.3195, 0.3378`, and the grayscale version is `66.0401, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `33.8985, 0.3046, 0.3172` is the 20% darker color. If you saturate the color by 10%, you get `54.5736, 0.2897, 0.2982`, and if you desaturate by 10%, it is `78.7589, 0.3206, 0.3392`.

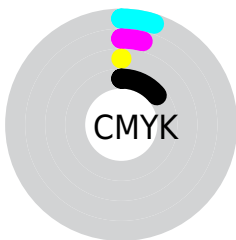
Distribution



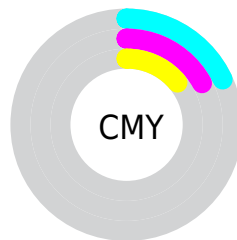
- Red (82%)
- Green (83%)
- Blue (86%)



- Red (82%)
- Yellow (83%)
- Blue (86%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9559, 0.3059, 0.3200 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 65.9559, 0.3059, 0.3200 by changing the saturation by 10% instead.

■ 65.9559, 0.3059,
0.3200

■ 65.9559, 0.3059,
0.3200

446.2191, 0.3091,
0.3242

■ 48.2366, 0.3051,
0.3190

113.4230, 0.3070,
0.3215

■ 34.0143, 0.3042,
0.3178

143.9397, 0.3075,
0.3221

■ 22.9046, 0.3030,
0.3162

179.4909, 0.3078,
0.3226

■ 14.5231, 0.3014,
0.3141

220.4610, 0.3082,
0.3230

■ 8.4854, 0.2992,
0.3113

267.2345, 0.3084,
0.3234

■ 4.4071, 0.2959,
0.3070

320.1958, 0.3087,

■ 1.9038, 0.2905,

0.3237

0.3000

379.7292, 0.3089,
0.3240

0.5506, 0.2738,
0.2773

0.0000, 0.0000,
0.0000

65.9559, 0.3059,
0.3200

65.9559, 0.3059,
0.3200

54.5736, 0.2897,
0.2982

78.7589, 0.3206,
0.3392

44.5545, 0.2720,
0.2737

93.0209, 0.3337,
0.3560

35.8492, 0.2532,
0.2467

97.9465, 0.3334,
0.3631

28.4023, 0.2337,
0.2177

■ 22.1544, 0.2143,
0.1876

■ 17.0411, 0.1960,
0.1576

■ 12.9915, 0.1799,
0.1295

■ 9.9266, 0.1671,
0.1050

■ 7.7548, 0.1582,
0.0857

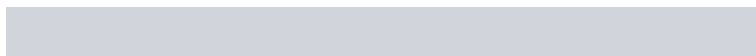
Harmonies

Analogous

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



65.9559, 0.3030, 0.3218



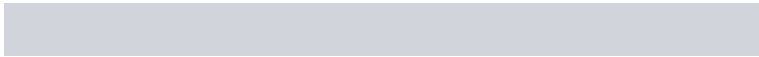
65.9559, 0.3059, 0.3200



65.9559, 0.3107, 0.3206

Triad

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



65.9559, 0.3059, 0.3200



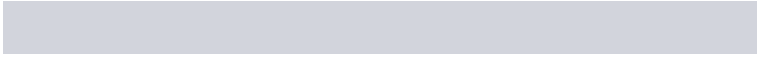
65.9559, 0.3229, 0.3324



65.9559, 0.3094, 0.3347

Complementary

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



65.9559, 0.3059, 0.3200



70.0378, 0.3195, 0.3378

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.



65.9559, 0.3147, 0.3376



65.9559, 0.3059, 0.3200



65.9559, 0.3226, 0.3362

Square

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



65.9559, 0.3059, 0.3200



65.9559, 0.3205, 0.3277



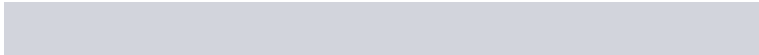
65.9559, 0.3195, 0.3381



65.9559, 0.3050, 0.3303

Rectangle

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



65.9559, 0.3059, 0.3200



65.9559, 0.3143, 0.3223



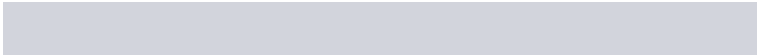
65.9559, 0.3195, 0.3381



65.9559, 0.3111, 0.3359

Sweetspot

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



65.9587, 0.3059, 0.3200



98.2167, 0.3112, 0.3270



69.9503, 0.3070, 0.3312



21.0412, 0.3113, 0.3271



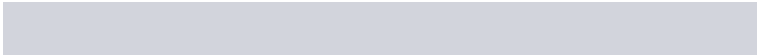
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



65.9587, 0.3059, 0.3200



91.2863, 0.3051, 0.3189



65.4383, 0.3081, 0.3179



13.9779, 0.3041, 0.3176



4.1653, 0.1554, 0.0795



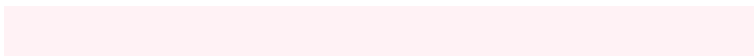
0.3907, 0.1635, 0.1086

Inverse Universe

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



66.0869, 0.3188, 0.3269



91.4896, 0.3195, 0.3266



70.5872, 0.3172, 0.3400



14.0139, 0.3204, 0.3263



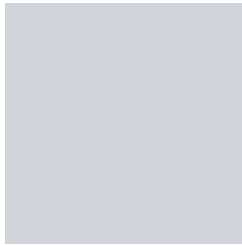
9.0443, 0.6078, 0.3122



0.5981, 0.5631, 0.2876

Previews

White Background



This preview shows how the Yxy color 65.9559, 0.3059, 0.3200 looks on a white background.

Color Contrast Check

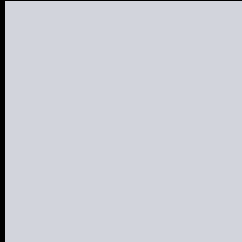
Large Text (above 18pt) WCAG AA × Fail

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 65.9559, 0.3059, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

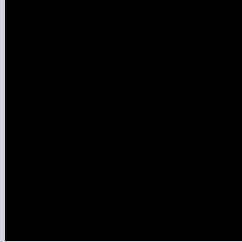
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

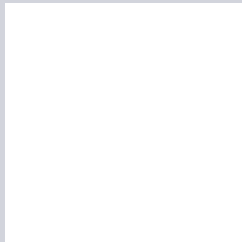
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9559, 0.3059, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 65.9559, 0.3059, 0.3200.

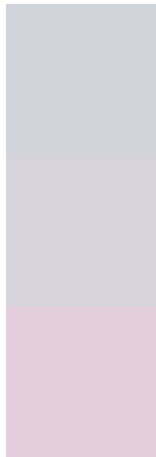


This preview shows how white text looks on a background with the Yxy color 65.9559, 0.3059, 0.3200.

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

65.9559, 0.3059, 0.3200

Protanopia

65.9991, 0.3095, 0.3201

Deuteranopia

65.8571, 0.3188, 0.3128



Tritanopia

65.9835, 0.3019, 0.3112

Trichromacy



Original Color

65.9559, 0.3059, 0.3200

Protanomaly

65.8491, 0.3087, 0.3200

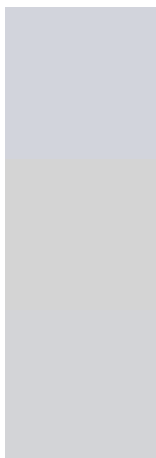
Deuteranomaly

65.7044, 0.3134, 0.3147

Tritanomaly

65.8192, 0.3039, 0.3145

Monochromacy



Original Color

65.9559, 0.3059, 0.3200

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8421, 0.3099, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9559, 0.3059, 0.3200 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 220) }
```

Border

The CSS property to change the border of an element to Yxy 65.9559, 0.3059, 0.3200 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, 220) }
```

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

```
.border{ border-color:rgb(210, 212, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 220);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9559, 0.3059, 0.3200 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, 220) }
```

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

```
.background{ background-color: rgb(210,  
212, 220) }
```

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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