

Converting Colors

Yxy(63.5097, 0.3161, 0.3321)

Have a look what the booklet for
Yxy(63.5097, 0.3161, 0.3321)
contains.

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Color

Yxy(63.2696, 0.3156, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	D2D0CE
RGB	210, 208, 206
RGB Percent	82%, 82%, 81%
CMY	0.1765, 0.1843, 0.1921
CMYK	0.00, 0.01, 0.02, 0.18
HSL	30°, 4%, 82%
HSV	30°, 2%, 82%
XYZ	60.2713, 63.2696, 67.4328
YIQ	208.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

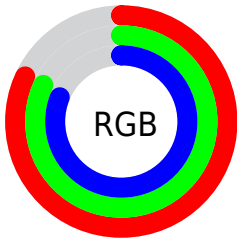
Format	Color
R _Y B	210, 210, 206
Decimal	13816014
CIE Lab	83.58, 0.32, 1.22
CIE LCh	84, 1.261, 75.202
Yxy	63.2696, 0.3156, 0.3313
Android (android.graphics.Color)	4292006094 (0xFFD2D0CE)
YUV	208.3700, -1.1684, 1.4295
Hunter-Lab	79.5422, -3.9445, 5.4157

Details

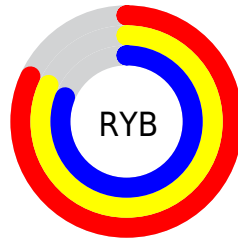
The Yxy color **63.2696, 0.3156, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8773, 0.3099, 0.3267**, and the grayscale version is **63.3361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4461, 0.3166, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **57.4036, 0.3321, 0.3439**, and if you desaturate by 10%, it is **69.6112, 0.3012, 0.3195**.

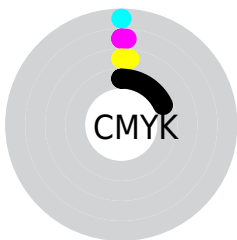
Distribution



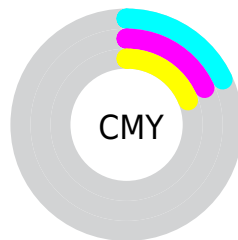
- Red (82%)
- Green (82%)
- Blue (81%)



- Red (82%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2696, 0.3156, 0.3313 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 63.2696, 0.3156, 0.3313 by changing the saturation by 10% instead.

■ 63.2696, 0.3156,
0.3313

■ 63.2696, 0.3156,
0.3313

436.5473, 0.3142,
0.3302

■ 46.0593, 0.3159,
0.3316

109.5584, 0.3151,
0.3309

■ 32.2927, 0.3163,
0.3319

139.4057, 0.3149,
0.3308

■ 21.5851, 0.3168,
0.3323

174.2341, 0.3148,
0.3306

■ 13.5524, 0.3175,
0.3328

214.4281, 0.3146,
0.3305

■ 7.8100, 0.3185,
0.3336

260.3720, 0.3145,
0.3304

■ 3.9736, 0.3200,
0.3347

312.4502, 0.3144,

■ 1.6588, 0.3224,

0.3304

371.0472, 0.3143,
0.3303

0.3367

0.3968, 0.3411,
0.3516

0.0000, 0.0000,
0.0000

63.2696, 0.3156,
0.3313

63.2696, 0.3156,
0.3313

57.4036, 0.3321,
0.3439

69.6112, 0.3012,
0.3195

51.9932, 0.3510,
0.3572

76.4316, 0.2886,
0.3085

47.0291, 0.3722,
0.3708

82.8091, 0.2852,
0.3125

42.4981, 0.3959,
0.3843

89.0961, 0.2857,
0.3234

■ 38.3868, 0.4216,
0.3967

■ 92.4389, 0.2860,
0.3289

■ 34.6806, 0.4488,
0.4072

■ 31.3638, 0.4761,
0.4143

■ 28.4192, 0.5020,
0.4170

■ 25.8275, 0.5249,
0.4143

Harmonies

Analogous

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



63.2696, 0.3158, 0.3302



63.2696, 0.3156, 0.3313



63.2696, 0.3146, 0.3318

Triad

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



63.2696, 0.3156, 0.3313



63.2696, 0.3103, 0.3292



63.2696, 0.3123, 0.3266

Complementary

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



63.2696, 0.3156, 0.3313



62.8773, 0.3099, 0.3267

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.



63.2696, 0.3108, 0.3263



63.2696, 0.3156, 0.3313



63.2696, 0.3096, 0.3278

Square

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



63.2696, 0.3156, 0.3313



63.2696, 0.3115, 0.3306



63.2696, 0.3099, 0.3267



63.2696, 0.3139, 0.3275

Rectangle

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



63.2696, 0.3156, 0.3313



63.2696, 0.3136, 0.3317



63.2696, 0.3099, 0.3267



63.2696, 0.3118, 0.3264

Sweetspot

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



63.2723, 0.3156, 0.3313



99.0322, 0.3142, 0.3302



62.3996, 0.3143, 0.3267



21.2072, 0.3142, 0.3302



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.



63.2723, 0.3156, 0.3313



98.0718, 0.3158, 0.3315



64.2396, 0.3155, 0.3336



13.7473, 0.3156, 0.3313



14.8217, 0.5386, 0.4105



0.9874, 0.5110, 0.4325

Inverse Universe

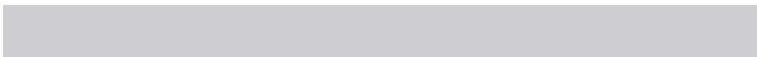
The Inverse Universe completely reimagines the original color for something new.



62.8773, 0.3099, 0.3267



97.4171, 0.3097, 0.3265



61.9222, 0.3099, 0.3244



13.6619, 0.3099, 0.3267



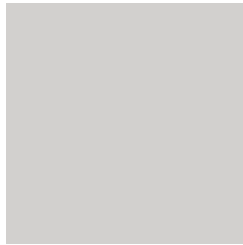
9.1033, 0.1771, 0.1577



0.6677, 0.1864, 0.1912

Previews

White Background



This preview shows how the Yxy color 63.2696, 0.3156, 0.3313 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 63.2696, 0.3156, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

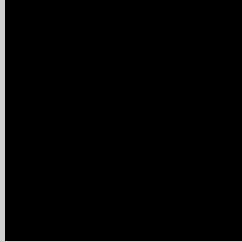
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

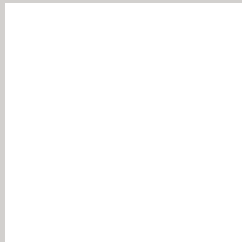
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2696, 0.3156, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 63.2696, 0.3156, 0.3313.

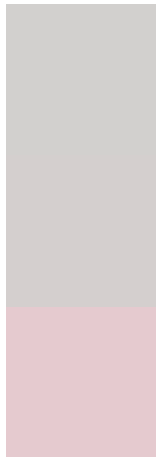


This preview shows how white text looks on a background with the Yxy color 63.2696, 0.3156, 0.3313.

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

63.2696, 0.3156, 0.3313

Protanopia

63.0789, 0.3172, 0.3302

Deuteranopia

63.4041, 0.3301, 0.3236



Tritanopia

63.4136, 0.3061, 0.3110

Trichromacy



Original Color

63.2696, 0.3156, 0.3313

Protanomaly

62.9308, 0.3164, 0.3302

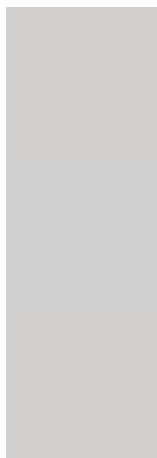
Deuteranomaly

63.2203, 0.3244, 0.3257

Tritanomaly

63.4324, 0.3095, 0.3188

Monochromacy



Original Color

63.2696, 0.3156, 0.3313

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1721, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2696, 0.3156, 0.3313 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, 208, 206) looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 206)  
}
```

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, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 206) }
```

Border

The CSS property to change the border of an element to Yxy 63.2696, 0.3156, 0.3313 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, 208, 206) }
```

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

```
.border{ border-color:rgb(210, 208, 206) }
```

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

Here you see how a box with a 4 pixel rgb(210, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 208,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2696, 0.3156, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 208, 206) }
```

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

```
.background{ background-color: rgb(210,  
208, 206) }
```

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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