

Converting Colors

Yxy(63.6516, 0.3145, 0.3300)

Have a look what the booklet for
Yxy(63.6516, 0.3145, 0.3300)
contains.

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Color

Yxy(63.8566, 0.3142, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1D0
RGB	210, 209, 208
RGB Percent	82%, 82%, 82%
CMY	0.1762, 0.1805, 0.1842
CMYK	0.00, 0.01, 0.01, 0.18
HSL	28°, 2%, 82%
HSV	28°, 1%, 82%
XYZ	60.7808, 63.8566, 68.8088
YIQ	209.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
R_{YB}	210, 210, 208
Decimal	13816272
CIE _{Lab}	83.89, 0.21, 0.60
CIE _{LCh}	84, 0.631, 70.981
Yxy	63.8566, 0.3142, 0.3301
Android (android.graphics.Color)	4292006352 (0xFFD2D1D0)
YUV	209.1850, -0.5842, 0.7148
Hunter-Lab	79.9103, -4.0737, 4.8841

Details

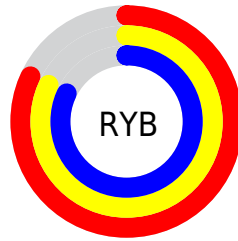
The Yxy color **63.8566, 0.3142, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7249, 0.3112, 0.3279**, and the grayscale version is **63.8992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8437, 0.3146, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **57.6058, 0.3306, 0.3418**, and if you desaturate by 10%, it is **70.6337, 0.2999, 0.3192**.

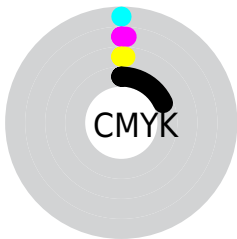
Distribution



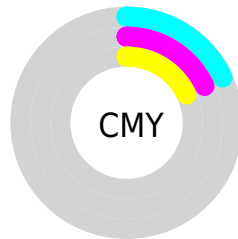
- Red (82%)
- Green (82%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8566, 0.3142, 0.3301 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 63.8566, 0.3142, 0.3301 by changing the saturation by 10% instead.

■ 63.8566, 0.3142,
0.3301

■ 63.8566, 0.3142,
0.3301

438.6716, 0.3135,
0.3296

■ 46.5345, 0.3144,
0.3302

110.4044, 0.3140,
0.3299

■ 32.6678, 0.3146,
0.3304

140.3989, 0.3139,
0.3299

■ 21.8721, 0.3148,
0.3306

175.3864, 0.3138,
0.3298

■ 13.7630, 0.3152,
0.3308

215.7512, 0.3137,
0.3297

■ 7.9560, 0.3157,
0.3312

261.8777, 0.3136,
0.3297

■ 4.0668, 0.3164,
0.3317

314.1504, 0.3136,

■ 1.7110, 0.3177,

0.3297

0.3326

372.9535, 0.3135,
0.3296

0.4308, 0.3257,
0.3385

0.0000, 0.0000,
0.0000

63.8566, 0.3142,
0.3301

63.8566, 0.3142,
0.3301

57.6058, 0.3306,
0.3418

70.6337, 0.2999,
0.3192

51.8600, 0.3495,
0.3542

77.9415, 0.2876,
0.3091

46.6080, 0.3710,
0.3669

84.7182, 0.2854,
0.3159

41.8356, 0.3952,
0.3795

91.5852, 0.2860,
0.3275

■ 37.5274, 0.4218,
0.3912

■ 92.4522, 0.2861,
0.3289

■ 33.6672, 0.4502,
0.4011

■ 30.2376, 0.4793,
0.4078

■ 27.2197, 0.5072,
0.4102

■ 24.5921, 0.5321,
0.4072

Harmonies

Analogous

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



63.8566, 0.3142, 0.3295



63.8566, 0.3142, 0.3301



63.8566, 0.3138, 0.3304

Triad

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



63.8566, 0.3142, 0.3301



63.8566, 0.3116, 0.3292



63.8566, 0.3124, 0.3278

Complementary

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



63.8566, 0.3142, 0.3301



63.7249, 0.3112, 0.3279

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.



63.8566, 0.3117, 0.3277



63.8566, 0.3142, 0.3301



63.8566, 0.3112, 0.3285

Square

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



63.8566, 0.3142, 0.3301



63.8566, 0.3122, 0.3299



63.8566, 0.3113, 0.3279



63.8566, 0.3132, 0.3282

Rectangle

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



63.8566, 0.3142, 0.3301



63.8566, 0.3133, 0.3304



63.8566, 0.3113, 0.3279



63.8566, 0.3122, 0.3277

Sweetspot

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



63.8593, 0.3142, 0.3301

100.0000, 0.3127, 0.3290



63.4431, 0.3135, 0.3278



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.



63.8593, 0.3142, 0.3301



98.9753, 0.3143, 0.3301



64.3624, 0.3141, 0.3313



13.8650, 0.3141, 0.3301



13.9300, 0.5488, 0.4024



0.9371, 0.5190, 0.4261

Inverse Universe

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



63.7249, 0.3112, 0.3279



98.7596, 0.3112, 0.3279



63.2247, 0.3113, 0.3267



13.8369, 0.3113, 0.3279



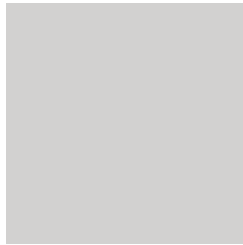
10.0561, 0.1804, 0.1695



0.7204, 0.1892, 0.2012

Previews

White Background



This preview shows how the Yxy color 63.8566, 0.3142, 0.3301 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 63.8566, 0.3142, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

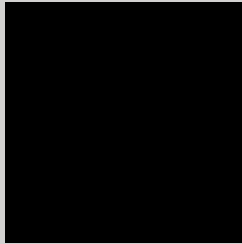
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

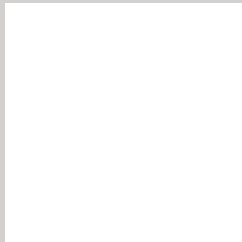
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8566, 0.3142, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 63.8566, 0.3142, 0.3301.

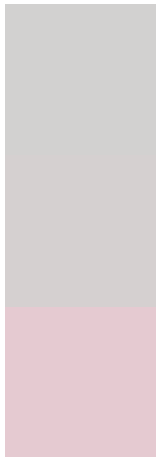


This preview shows how white text looks on a background with the Yxy color 63.8566, 0.3142, 0.3301.

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

63.8566, 0.3142, 0.3301

Protanopia

63.8120, 0.3165, 0.3290

Deuteranopia

63.5025, 0.3287, 0.3214



Tritanopia

63.9504, 0.3054, 0.3111

Trichromacy



Original Color

63.8566, 0.3142, 0.3301

Protanomaly

63.6629, 0.3157, 0.3290

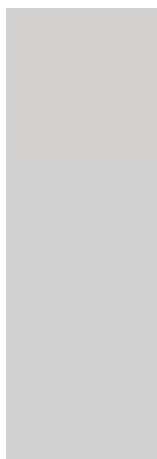
Deuteranomaly

63.7957, 0.3229, 0.3246

Tritanomaly

64.0226, 0.3080, 0.3177

Monochromacy



Original Color

63.8566, 0.3142, 0.3301

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7597, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8566, 0.3142, 0.3301 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, 209, 208) looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 208)  
}
```

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, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 208) }
```

Border

The CSS property to change the border of an element to Yxy 63.8566, 0.3142, 0.3301 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, 209, 208) }
```

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

```
.border{ border-color:rgb(210, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 208);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
208) }
```

Background

The CSS property to change the background color of an element to Yxy 63.8566, 0.3142, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 208) }
```

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

```
.background{ background-color: rgb(210,  
209, 208) }
```

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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