

Converting Colors

$Yxy(65.0478, 0.3136, 0.3312)$

Have a look what the booklet for
Yxy(65.0478, 0.3136, 0.3312)
contains.

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Color

Yxy(65.0409, 0.3141, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	D3D3D1
RGB	211, 211, 209
RGB Percent	83%, 83%, 82%
CMY	0.1726, 0.1725, 0.1804
CMYK	0.00, 0.00, 0.01, 0.17
HSL	60°, 2%, 82%
HSV	60°, 1%, 83%
XYZ	61.6642, 65.0409, 69.6152
YIQ	210.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

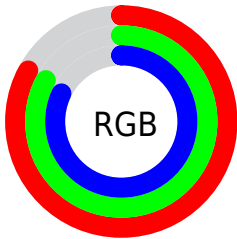
Format	Color
R _Y B	209, 211, 209
Decimal	13882321
CIE Lab	84.50, -0.36, 0.99
CIE LCh	85, 1.052, 110.187
Yxy	65.0409, 0.3141, 0.3313
Android (android.graphics.Color)	4292072401 (0xFFD3D3D1)
YUV	210.7720, -0.8736, 0.2000
Hunter-Lab	80.6479, -4.6511, 5.2745

Details

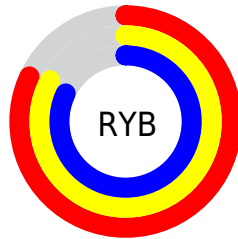
The Yxy color **65.0409, 0.3141, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8522, 0.3113, 0.3267**, and the grayscale version is **64.9893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6486, 0.3145, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **64.0484, 0.3288, 0.3558**, and if you desaturate by 10%, it is **66.1775, 0.3000, 0.3078**.

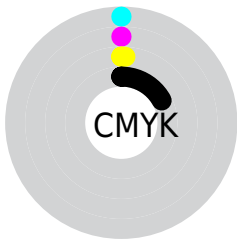
Distribution



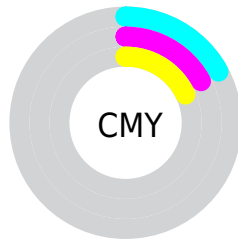
- Red (83%)
- Green (83%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0409, 0.3141, 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 65.0409, 0.3141, 0.3313 by changing the saturation by 10% instead.

■ 65.0409, 0.3141,
0.3313

■ 65.0409, 0.3141,
0.3313

442.9389, 0.3135,
0.3302

■ 47.4942, 0.3143,
0.3316

112.1087, 0.3139,
0.3309

■ 33.4265, 0.3144,
0.3319

142.3985, 0.3138,
0.3308

■ 22.4534, 0.3147,
0.3323

177.7050, 0.3137,
0.3307

■ 14.1904, 0.3150,
0.3328

218.4123, 0.3136,
0.3305

■ 8.2532, 0.3155,
0.3336

264.9050, 0.3136,
0.3304

■ 4.2574, 0.3161,
0.3347

317.5674, 0.3135,

■ 1.8186, 0.3172,

0.3304

376.7839, 0.3135,
0.3303

0.3366

0.4987, 0.3235,
0.3468

0.0000, 0.0000,
0.0000

65.0409, 0.3141,
0.3313

65.0409, 0.3141,
0.3313

64.0484, 0.3288,
0.3558

66.1775, 0.3000,
0.3078

63.1861, 0.3439,
0.3809

67.4548, 0.2867,
0.2858

62.4511, 0.3588,
0.4059

67.7164, 0.2845,
0.2820

61.8373, 0.3731,
0.4297

67.7349, 0.2846,
0.2820

61.3378, 0.3862,
0.4516

67.7535, 0.2847,
0.2820

60.9455, 0.3974,
0.4705

67.7720, 0.2848,
0.2821

60.6520, 0.4064,
0.4856

67.7906, 0.2849,
0.2821

60.4482, 0.4128,
0.4965

67.8091, 0.2849,
0.2821

60.3227, 0.4166,
0.5031

67.8277, 0.2850,
0.2821

Harmonies

Analogous

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



65.0409, 0.3150, 0.3310



65.0409, 0.3141, 0.3313



65.0409, 0.3128, 0.3310

Triad

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



65.0409, 0.3141, 0.3313



65.0409, 0.3102, 0.3279



65.0409, 0.3139, 0.3279

Complementary

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



65.0409, 0.3141, 0.3313



63.8522, 0.3113, 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.



65.0409, 0.3126, 0.3271



65.0409, 0.3141, 0.3313



65.0409, 0.3105, 0.3270

Square

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



65.0409, 0.3141, 0.3313



65.0409, 0.3106, 0.3290



65.0409, 0.3114, 0.3268



65.0409, 0.3149, 0.3291

Rectangle

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



65.0409, 0.3141, 0.3313



65.0409, 0.3119, 0.3305



65.0409, 0.3114, 0.3268



65.0409, 0.3135, 0.3276

Sweetspot

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



65.0437, 0.3141, 0.3313

100.0000, 0.3127, 0.3290



64.0465, 0.3142, 0.3290



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.



65.0437, 0.3141, 0.3313



99.8340, 0.3142, 0.3314



64.8965, 0.3134, 0.3313



13.9769, 0.3141, 0.3313



36.3647, 0.4183, 0.5061



2.0345, 0.4185, 0.5059

Inverse Universe

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



63.8522, 0.3113, 0.3267



97.9062, 0.3112, 0.3266



63.9984, 0.3121, 0.3267



13.7257, 0.3114, 0.3267



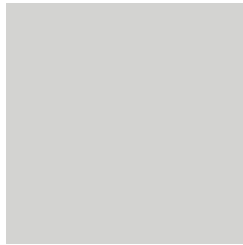
2.8448, 0.1502, 0.0601



0.1603, 0.1509, 0.0605

Previews

White Background



This preview shows how the Yxy color 65.0409, 0.3141, 0.3313 looks on a white background.

Color Contrast Check

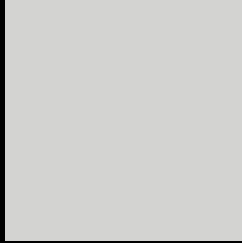
Large Text (above 18pt) WCAG AA × Fail

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 65.0409, 0.3141, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

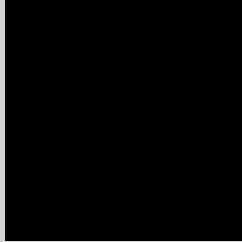
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

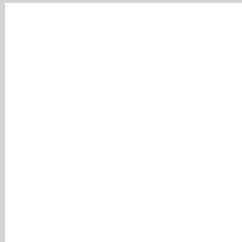
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0409, 0.3141, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 65.0409, 0.3141, 0.3313.

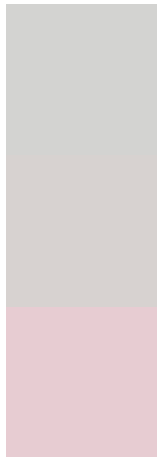


This preview shows how white text looks on a background with the Yxy color 65.0409, 0.3141, 0.3313.

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

65.0409, 0.3141, 0.3313

Protanopia

65.0943, 0.3178, 0.3313

Deuteranopia

64.8278, 0.3292, 0.3225



Tritanopia

65.1833, 0.3047, 0.3112

Trichromacy



Original Color

65.0409, 0.3141, 0.3313

Protanomaly

64.9434, 0.3171, 0.3313

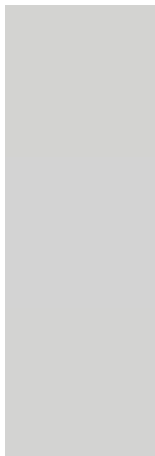
Deuteranomaly

65.1261, 0.3235, 0.3257

Tritanomaly

65.2047, 0.3080, 0.3189

Monochromacy



Original Color

65.0409, 0.3141, 0.3313

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0906, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0409, 0.3141, 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(211, 211, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 209)  
}
```

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(211, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 209) }
```

Border

The CSS property to change the border of an element to Yxy 65.0409, 0.3141, 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(211, 211, 209) }
```

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

```
.border{ border-color:rgb(211, 211, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
209) }
```

Background

The CSS property to change the background color of an element to Yxy 65.0409, 0.3141, 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(211, 211, 209) }
```

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

```
.background{ background-color: rgb(211,  
211, 209) }
```

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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