

Converting Colors

Yxy(64.4511, 0.3206, 0.3380)

Have a look what the booklet for
Yxy(64.4511, 0.3206, 0.3380)
contains.

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Color

Yxy(64.5036, 0.3206, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	D5D2CA
RGB	213, 210, 202
RGB Percent	84%, 82%, 79%
CMY	0.1644, 0.1765, 0.2078
CMYK	0.00, 0.01, 0.05, 0.16
HSL	43°, 12%, 81%
HSV	43°, 5%, 84%
XYZ	61.1649, 64.5036, 65.1141
YIQ	209.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

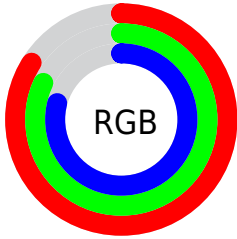
Format	Color
R _Y B	206, 213, 202
Decimal	14013130
CIE Lab	84.23, -0.34, 4.30
CIE LCh	84, 4.318, 94.491
Yxy	64.5036, 0.3206, 0.3381
Android (android.graphics.Color)	4292203210 (0xFFD5D2CA)
YUV	209.9850, -3.9366, 2.6442
Hunter-Lab	80.3141, -4.6093, 8.1510

Details

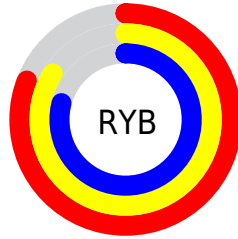
The Yxy color **64.5036, 0.3206, 0.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0819, 0.3049, 0.3197**, and the grayscale version is **64.4709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.1842, 0.3221, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **60.6784, 0.3369, 0.3563**, and if you desaturate by 10%, it is **68.5833, 0.3058, 0.3208**.

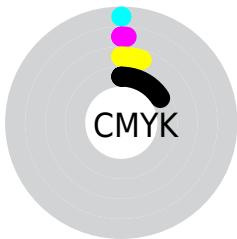
Distribution



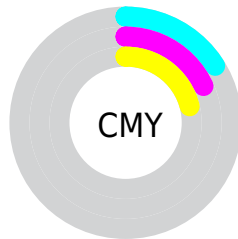
- Red (84%)
- Green (82%)
- Blue (79%)



- Red (81%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5036, 0.3206, 0.3381 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 64.5036, 0.3206, 0.3381 by changing the saturation by 10% instead.

■ 64.5036, 0.3206,
0.3381

■ 64.5036, 0.3206,
0.3381

441.0060, 0.3169,
0.3338

■ 47.0587, 0.3215,
0.3391

111.3359, 0.3193,
0.3366

■ 33.0820, 0.3226,
0.3404

141.4920, 0.3188,
0.3360

■ 22.1893, 0.3240,
0.3420

176.6541, 0.3184,
0.3355

■ 13.9961, 0.3258,
0.3442

217.2063, 0.3180,
0.3351

■ 8.1179, 0.3284,
0.3472

263.5333, 0.3177,
0.3347

■ 4.1705, 0.3323,
0.3517

316.0193, 0.3174,

■ 1.7694, 0.3388,

0.3344

0.3592

375.0487, 0.3171,
0.3341

0.4680, 0.3922,
0.4204

0.0000, 0.0000,
0.0000

64.5036, 0.3206,
0.3381

64.5036, 0.3206,
0.3381

60.6784, 0.3369,
0.3563

68.5833, 0.3058,
0.3208

57.0925, 0.3545,
0.3751

72.9156, 0.2924,
0.3046

53.7413, 0.3733,
0.3939

76.7848, 0.2865,
0.3004

50.6172, 0.3927,
0.4120

80.1170, 0.2868,
0.3068

■ 47.7119, 0.4123,
0.4285

■ 83.5633, 0.2871,
0.3131

■ 45.0161, 0.4311,
0.4423

■ 87.1248, 0.2873,
0.3194

■ 42.5198, 0.4484,
0.4523

■ 90.8025, 0.2876,
0.3255

■ 40.2114, 0.4632,
0.4577

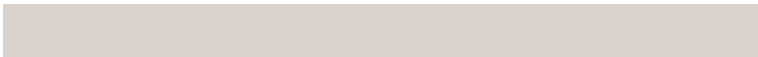
■ 92.8971, 0.2878,
0.3289

■ 38.0770, 0.4749,
0.4582

Harmonies

Analogous

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



64.5036, 0.3231, 0.3356



64.5036, 0.3206, 0.3381



64.5036, 0.3160, 0.3381

Triad

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



64.5036, 0.3206, 0.3381



64.5036, 0.3027, 0.3265



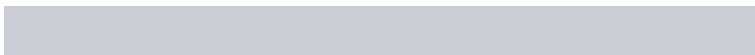
64.5036, 0.3149, 0.3225

Complementary

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



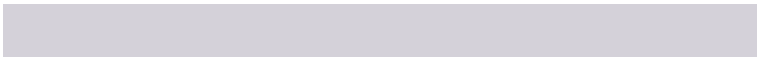
64.5036, 0.3206, 0.3381



61.0819, 0.3049, 0.3197

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.



64.5036, 0.3094, 0.3201



64.5036, 0.3206, 0.3381



64.5036, 0.3024, 0.3223

Square

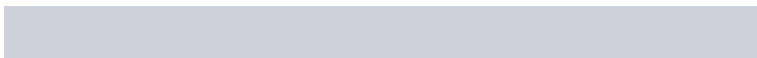
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.5036, 0.3206, 0.3381



64.5036, 0.3057, 0.3314



64.5036, 0.3049, 0.3200



64.5036, 0.3198, 0.3266

Rectangle

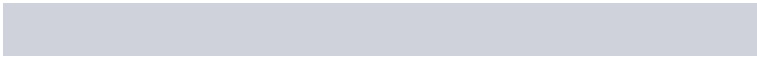
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.5036, 0.3206, 0.3381



64.5036, 0.3123, 0.3368



64.5036, 0.3049, 0.3200



64.5036, 0.3131, 0.3215

Sweetspot

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



64.5064, 0.3206, 0.3381



98.7693, 0.3157, 0.3325



60.8217, 0.3190, 0.3254



21.1537, 0.3156, 0.3323



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.



64.5064, 0.3206, 0.3381



96.3541, 0.3220, 0.3397



65.6918, 0.3185, 0.3416



14.1483, 0.3228, 0.3406



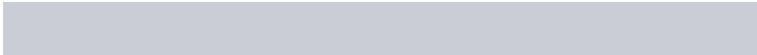
22.8258, 0.4787, 0.4581



1.5131, 0.4662, 0.4681

Inverse Universe

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



61.0819, 0.3049, 0.3197



90.3811, 0.3035, 0.3181



59.9532, 0.3067, 0.3162



13.1941, 0.3027, 0.3171



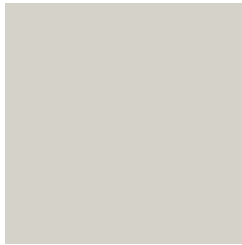
5.0301, 0.1600, 0.0960



0.4429, 0.1696, 0.1305

Previews

White Background



This preview shows how the Yxy color 64.5036, 0.3206, 0.3381 looks on a white background.

Color Contrast Check

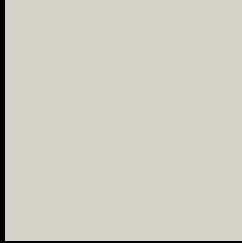
Large Text (above 18pt) WCAG AA × Fail

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 64.5036, 0.3206, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

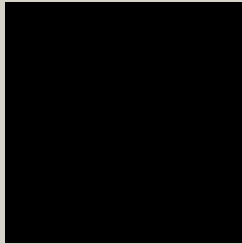
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

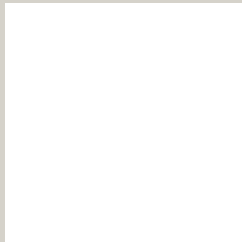
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5036, 0.3206, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 64.5036, 0.3206, 0.3381.

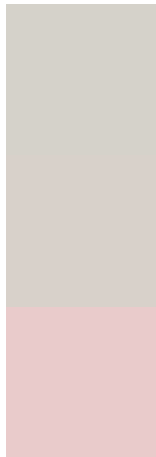


This preview shows how white text looks on a background with the Yxy color 64.5036, 0.3206, 0.3381.

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

64.5036, 0.3206, 0.3381

Protanopia

64.4641, 0.3229, 0.3370

Deuteranopia

64.3473, 0.3362, 0.3291



Tritanopia

64.5523, 0.3083, 0.3112

Trichromacy



Original Color

64.5036, 0.3206, 0.3381

Protanomaly

64.3123, 0.3222, 0.3370

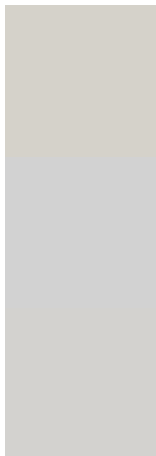
Deuteranomaly

64.6232, 0.3303, 0.3324

Tritanomaly

64.4651, 0.3131, 0.3212

Monochromacy



Original Color

64.5036, 0.3206, 0.3381

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4471, 0.3155, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5036, 0.3206, 0.3381 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(213, 210, 202) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 202)  
}
```

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(213, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 202) }
```

Border

The CSS property to change the border of an element to Yxy 64.5036, 0.3206, 0.3381 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(213, 210, 202) }
```

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

```
.border{ border-color:rgb(213, 210, 202) }
```

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

Here you see how a box with a 4 pixel rgb(213, 210, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5036, 0.3206, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 202) }
```

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

```
.background{ background-color: rgb(213,  
210, 202) }
```

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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