

Converting Colors

Yxy(66.2924, 0.3190, 0.3381)

Have a look what the booklet for
Yxy(66.2924, 0.3190, 0.3381)
contains.

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Color

Yxy(66.2924, 0.3190, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	D6D5CD
RGB	214, 213, 205
RGB Percent	84%, 84%, 80%
CMY	0.1607, 0.1647, 0.1962
CMYK	0.00, 0.00, 0.04, 0.16
HSL	53°, 10%, 82%
HSV	53°, 4%, 84%
XYZ	62.5474, 66.2924, 67.2336
YIQ	212.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

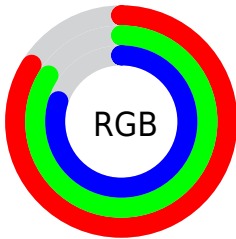
Format	Color
R _Y B	206, 214, 205
Decimal	14079437
CIE Lab	85.15, -1.07, 4.08
CIE LCh	85, 4.216, 104.660
Yxy	66.2924, 0.3190, 0.3381
Android (android.graphics.Color)	4292269517 (0xFFD6D5CD)
YUV	212.3870, -3.6418, 1.4146
Hunter-Lab	81.4201, -5.3606, 8.0348

Details

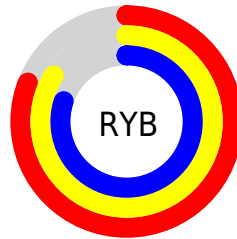
The Yxy color **66.2924, 0.3190, 0.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9692, 0.3064, 0.3197**, and the grayscale version is **66.1349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0590, 0.3201, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **64.1208, 0.3345, 0.3602**, and if you desaturate by 10%, it is **68.6293, 0.3044, 0.3169**.

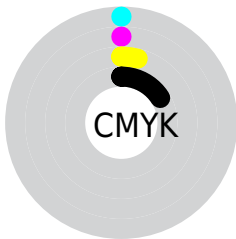
Distribution



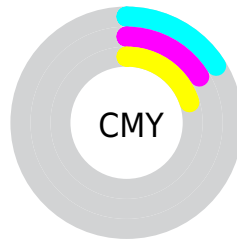
- Red (84%)
- Green (84%)
- Blue (80%)



- Red (81%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2924, 0.3190, 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 66.2924, 0.3190, 0.3381 by changing the saturation by 10% instead.

■ 66.2924, 0.3190,
0.3381

■ 66.2924, 0.3190,
0.3381

447.4219, 0.3160,
0.3338

■ 48.5098, 0.3197,
0.3391

113.9059, 0.3180,
0.3366

■ 34.2308, 0.3205,
0.3404

144.5056, 0.3176,
0.3360

■ 23.0710, 0.3216,
0.3420

180.1465, 0.3172,
0.3355

■ 14.6459, 0.3231,
0.3441

221.2129, 0.3169,
0.3351

■ 8.5713, 0.3251,
0.3471

268.0892, 0.3167,
0.3347

■ 4.4626, 0.3281,
0.3515

321.1599, 0.3164,

■ 1.9356, 0.3330,

0.3344

0.3588

380.8093, 0.3162,
0.3341

0.5696, 0.3629,
0.4011

0.0000, 0.0000,
0.0000

66.2924, 0.3190,
0.3381

66.2924, 0.3190,
0.3381

64.1208, 0.3345,
0.3602

68.6293, 0.3044,
0.3169

62.1002, 0.3506,
0.3828

71.1285, 0.2910,
0.2970

60.2273, 0.3669,
0.4053

72.8511, 0.2867,
0.2923

58.4954, 0.3831,
0.4267

74.1352, 0.2868,
0.2949

■ 56.8974, 0.3983,
0.4461

■ 75.4379, 0.2870,
0.2976

■ 55.4252, 0.4120,
0.4626

■ 76.7592, 0.2871,
0.3002

■ 54.0700, 0.4234,
0.4752

■ 78.0992, 0.2872,
0.3028

■ 52.8216, 0.4323,
0.4835

■ 79.4580, 0.2873,
0.3053

■ 51.6673, 0.4384,
0.4873

■ 80.8356, 0.2874,
0.3079

Harmonies

Analogous

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



66.2924, 0.3222, 0.3364



66.2924, 0.3190, 0.3381



66.2924, 0.3141, 0.3373

Triad

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



66.2924, 0.3190, 0.3381



66.2924, 0.3026, 0.3251



66.2924, 0.3166, 0.3239

Complementary

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



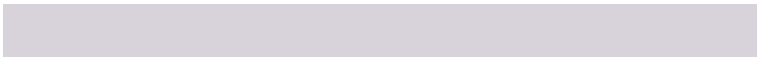
66.2924, 0.3190, 0.3381



61.9692, 0.3064, 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.



66.2924, 0.3113, 0.3209



66.2924, 0.3190, 0.3381



66.2924, 0.3033, 0.3215

Square

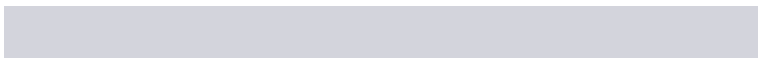
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2924, 0.3190, 0.3381



66.2924, 0.3047, 0.3297



66.2924, 0.3064, 0.3201



66.2924, 0.3208, 0.3283

Rectangle

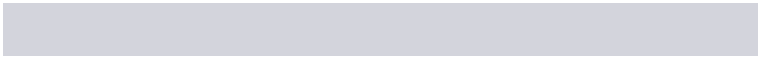
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2924, 0.3190, 0.3381



66.2924, 0.3105, 0.3354



66.2924, 0.3064, 0.3201



66.2924, 0.3149, 0.3227

Sweetspot

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



66.2953, 0.3190, 0.3381



99.6527, 0.3142, 0.3312



62.4035, 0.3189, 0.3278



21.3334, 0.3141, 0.3310



0.0000, 0.0000, 0.0000



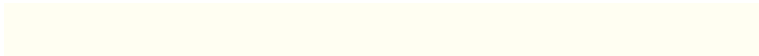
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2953, 0.3190, 0.3381



98.2877, 0.3202, 0.3399



66.2962, 0.3163, 0.3393



14.4501, 0.3211, 0.3412



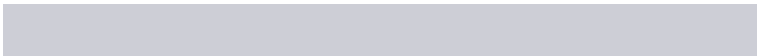
30.9339, 0.4406, 0.4884



1.9357, 0.4364, 0.4917

Inverse Universe

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



61.9692, 0.3064, 0.3197



90.6591, 0.3051, 0.3179



61.9759, 0.3090, 0.3186



13.1972, 0.3042, 0.3165



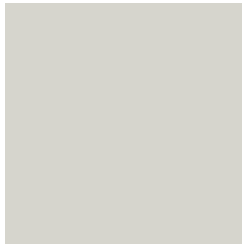
3.4124, 0.1524, 0.0687



0.2836, 0.1585, 0.0907

Previews

White Background



This preview shows how the Yxy color 66.2924, 0.3190, 0.3381 looks on a white background.

Color Contrast Check

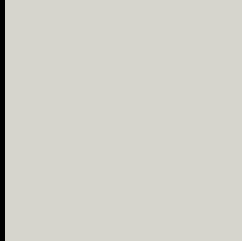
Large Text (above 18pt) WCAG AA × Fail

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 66.2924, 0.3190, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

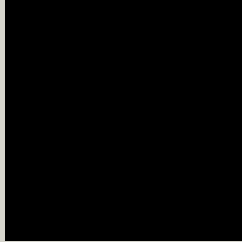
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

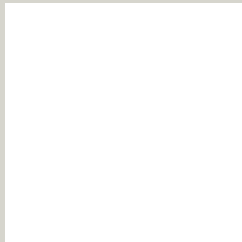
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2924, 0.3190, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 66.2924, 0.3190, 0.3381.

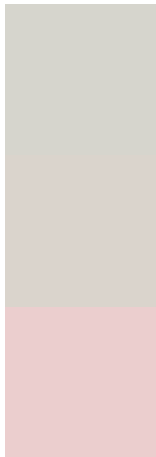


This preview shows how white text looks on a background with the Yxy color 66.2924, 0.3190, 0.3381.

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

66.2924, 0.3190, 0.3381

Protanopia

66.3520, 0.3227, 0.3380

Deuteranopia

66.2610, 0.3351, 0.3291



Tritanopia

66.3359, 0.3069, 0.3114

Trichromacy



Original Color

66.2924, 0.3190, 0.3381

Protanomaly

66.1983, 0.3220, 0.3380

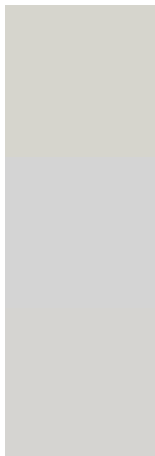
Deuteranomaly

66.3881, 0.3285, 0.3323

Tritanomaly

66.2494, 0.3116, 0.3212

Monochromacy



Original Color

66.2924, 0.3190, 0.3381

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8366, 0.3155, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2924, 0.3190, 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(214, 213, 205) looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 205)  
}
```

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(214, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 66.2924, 0.3190, 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(214, 213, 205) }
```

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

```
.border{ border-color:rgb(214, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2924, 0.3190, 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(214, 213, 205) }
```

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

```
.background{ background-color: rgb(214,  
213, 205) }
```

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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