

Converting Colors

Yxy(65.1086, 0.3196, 0.3534)

Have a look what the booklet for
Yxy(65.1086, 0.3196, 0.3534)
contains.

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Color

Yxy(64.8255, 0.3190, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	CCD6C2
RGB	204, 214, 194
RGB Percent	80%, 84%, 76%
CMY	0.2001, 0.1607, 0.2393
CMYK	0.05, 0.00, 0.09, 0.16
HSL	90°, 20%, 80%
HSV	90°, 9%, 84%
XYZ	58.6814, 64.8255, 60.4474
YIQ	208.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

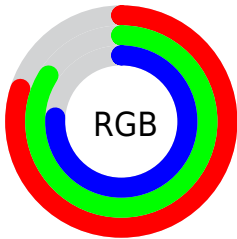
Format	Color
RYB	194, 214, 204
Decimal	13424322
CIELab	84.39, -6.98, 8.72
CIELCh	84, 11.167, 128.679
Yxy	64.8255, 0.3190, 0.3524
Android (android.graphics.Color)	4291614402 (0xFFCCD6C2)
YUV	208.7300, -7.2619, -4.1482
Hunter-Lab	80.5143, -10.8034, 11.8471

Details

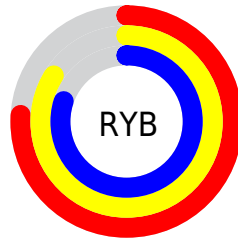
The Yxy color **64.8255, 0.3190, 0.3524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2696, 0.3059, 0.3056**, and the grayscale version is **63.6229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.1738, 0.3211, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **62.4733, 0.3256, 0.3794**, and if you desaturate by 10%, it is **67.4259, 0.3123, 0.3275**.

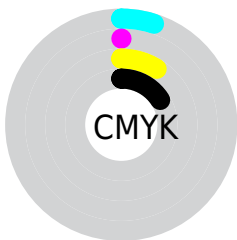
Distribution



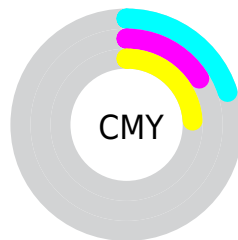
- Red (80%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8255, 0.3190, 0.3524 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 64.8255, 0.3190, 0.3524 by changing the saturation by 10% instead.

■ 64.8255, 0.3190,
0.3524

■ 64.8255, 0.3190,
0.3524

442.1646, 0.3161,
0.3412

■ 47.3196, 0.3197,
0.3551

■ 111.7989, 0.3180,
0.3484

■ 33.2884, 0.3205,
0.3584

142.0353, 0.3176,
0.3469

■ 22.3475, 0.3215,
0.3627

177.2839, 0.3173,
0.3456

■ 14.1124, 0.3228,
0.3685

217.9291, 0.3170,
0.3445

■ 8.1989, 0.3246,
0.3767

264.3554, 0.3167,
0.3435

■ 4.2225, 0.3272,
0.3892

316.9472, 0.3165,

■ 1.7988, 0.3309,

0.3427

0.4103

376.0888, 0.3163,
0.3419

0.4864, 0.3751,
0.6249

0.0000, 0.0000,
0.0000

64.8255, 0.3190,
0.3524

64.8255, 0.3190,
0.3524

62.4733, 0.3256,
0.3794

67.4259, 0.3123,
0.3275

60.3529, 0.3319,
0.4082

70.2736, 0.3057,
0.3048

58.4586, 0.3375,
0.4380

73.1717, 0.3014,
0.2874

56.7814, 0.3420,
0.4679

75.0616, 0.3088,
0.2883

■ 55.3116, 0.3449,
0.4965

■ 76.5785, 0.3146,
0.2891

■ 54.0384, 0.3459,
0.5223

■ 52.9498, 0.3447,
0.5438

■ 52.0322, 0.3413,
0.5600

■ 51.2641, 0.3362,
0.5709

Harmonies

Analogous

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



64.8255, 0.3316, 0.3530



64.8255, 0.3190, 0.3524



64.8255, 0.3049, 0.3451

Triad

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



64.8255, 0.3190, 0.3524



64.8255, 0.2868, 0.3104



64.8255, 0.3326, 0.3244

Complementary

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



64.8255, 0.3190, 0.3524



56.2696, 0.3059, 0.3056

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.



64.8255, 0.3202, 0.3137



64.8255, 0.3190, 0.3524



64.8255, 0.2939, 0.3056

Square

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



64.8255, 0.3190, 0.3524



64.8255, 0.2866, 0.3205



64.8255, 0.3060, 0.3068



64.8255, 0.3396, 0.3365

Rectangle

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



64.8255, 0.3190, 0.3524



64.8255, 0.2966, 0.3375



64.8255, 0.3060, 0.3068



64.8255, 0.3289, 0.3205

Sweetspot

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



64.8283, 0.3190, 0.3524



98.7981, 0.3147, 0.3364



61.3761, 0.3278, 0.3406



21.0793, 0.3153, 0.3384



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.



64.8283, 0.3190, 0.3524



95.7574, 0.3202, 0.3570



63.4598, 0.3116, 0.3529



14.1976, 0.3190, 0.3526



31.0167, 0.3369, 0.5707



1.9200, 0.3501, 0.5602

Inverse Universe

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



56.2696, 0.3059, 0.3056



80.8295, 0.3046, 0.3010



57.7291, 0.3138, 0.3062



12.3109, 0.3059, 0.3055



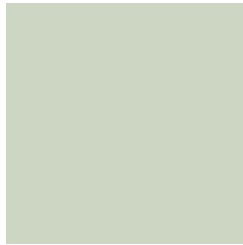
4.8896, 0.2030, 0.0892



0.3441, 0.2218, 0.0996

Previews

White Background



This preview shows how the Yxy color 64.8255, 0.3190, 0.3524 looks on a white background.

Color Contrast Check

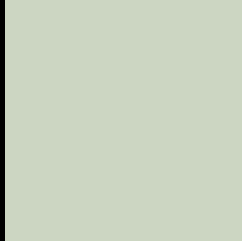
Large Text (above 18pt) WCAG AA × Fail

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 64.8255, 0.3190, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

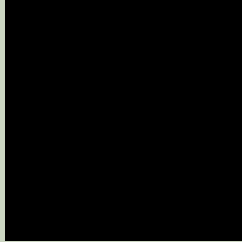
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

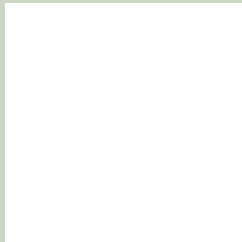
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8255, 0.3190, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 64.8255, 0.3190, 0.3524.



This preview shows how white text looks on a background with the Yxy color 64.8255, 0.3190, 0.3524.

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





Tritanopia

64.6472, 0.3012, 0.3099

Trichromacy



Original Color

64.8255, 0.3190, 0.3524

Protanomaly

64.7349, 0.3276, 0.3497

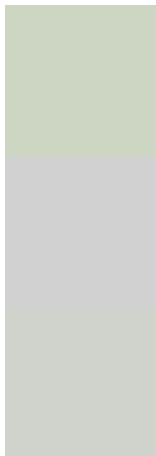
Deuteranomaly

64.4131, 0.3345, 0.3425

Tritanomaly

64.7090, 0.3077, 0.3256

Monochromacy



Original Color

64.8255, 0.3190, 0.3524

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2136, 0.3146, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8255, 0.3190, 0.3524 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(204, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 214, 194)  
}
```

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(204, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 214, 194) }
```

Border

The CSS property to change the border of an element to Yxy 64.8255, 0.3190, 0.3524 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(204, 214, 194) }
```

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

```
.border{ border-color:rgb(204, 214, 194) }
```

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

Here you see how a box with a 4 pixel rgb(204, 214, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 214,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8255, 0.3190, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 214, 194) }
```

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

```
.background{ background-color: rgb(204,  
214, 194) }
```

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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