

Converting Colors

Yxy(64.6211, 0.3217, 0.3461)

Have a look what the booklet for
Yxy(64.6211, 0.3217, 0.3461)
contains.

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Color

Yxy(64.8198, 0.3216, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	D2D4C5
RGB	210, 212, 197
RGB Percent	82%, 83%, 77%
CMY	0.1765, 0.1686, 0.2274
CMYK	0.01, 0.00, 0.07, 0.17
HSL	68°, 15%, 80%
HSV	68°, 7%, 83%
XYZ	60.1965, 64.8198, 62.1619
YIQ	209.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

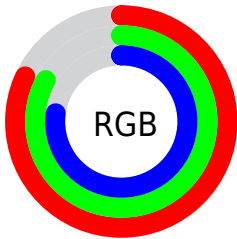
Format	Color
RYB	197, 212, 199
Decimal	13817029
CIELab	84.39, -3.33, 7.17
CIElCh	84, 7.910, 114.924
Yxy	64.8198, 0.3216, 0.3463
Android (android.graphics.Color)	4292007109 (0xFFD2D4C5)
YUV	209.6920, -6.2572, 0.2701
Hunter-Lab	80.5107, -7.4324, 10.5801

Details

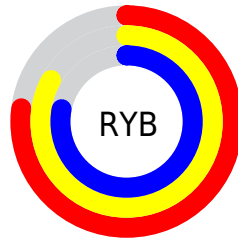
The Yxy color **64.8198, 0.3216, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8326, 0.3035, 0.3113**, and the grayscale version is **64.2765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **33.1650, 0.3246, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **63.5021, 0.3344, 0.3717**, and if you desaturate by 10%, it is **66.2874, 0.3091, 0.3221**.

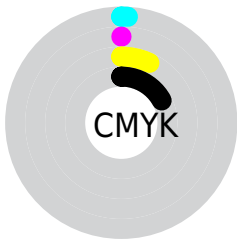
Distribution



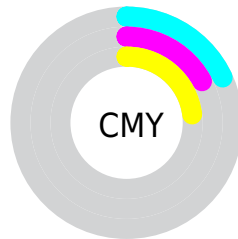
- Red (82%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8198, 0.3216, 0.3463 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 64.8198, 0.3216, 0.3463 by changing the saturation by 10% instead.

■ 64.8198, 0.3216,
0.3463

■ 64.8198, 0.3216,
0.3463

442.1441, 0.3174,
0.3381

■ 47.3150, 0.3226,
0.3482

111.7907, 0.3201,
0.3434

■ 33.2847, 0.3238,
0.3507

142.0257, 0.3196,
0.3423

■ 22.3447, 0.3253,
0.3538

177.2727, 0.3191,
0.3413

■ 14.1104, 0.3274,
0.3580

217.9163, 0.3187,
0.3405

■ 8.1975, 0.3302,
0.3639

264.3409, 0.3183,
0.3398

■ 4.2216, 0.3343,
0.3728

316.9308, 0.3180,

■ 1.7983, 0.3410,

0.3391

0.3876

376.0704, 0.3177,
0.3386

0.4861, 0.4255,
0.5434

0.0000, 0.0000,
0.0000

64.8198, 0.3216,
0.3463

64.8198, 0.3216,
0.3463

63.5021, 0.3344,
0.3717

66.2874, 0.3091,
0.3221

62.3200, 0.3471,
0.3977

67.9017, 0.2972,
0.2993

61.2703, 0.3594,
0.4234

69.3044, 0.2894,
0.2838

60.3463, 0.3707,
0.4481

69.7506, 0.2913,
0.2840

■ 59.5410, 0.3803,
0.4706

■ 70.2045, 0.2933,
0.2843

■ 58.8463, 0.3879,
0.4900

■ 70.6660, 0.2952,
0.2845

■ 58.2532, 0.3931,
0.5053

■ 71.1353, 0.2972,
0.2848

■ 57.7513, 0.3956,
0.5161

■ 71.6124, 0.2991,
0.2850

■ 57.3265, 0.3957,
0.5226

■ 72.0972, 0.3011,
0.2853

Harmonies

Analogous

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



64.8198, 0.3291, 0.3446



64.8198, 0.3216, 0.3463



64.8198, 0.3118, 0.3432

Triad

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



64.8198, 0.3216, 0.3463



64.8198, 0.2936, 0.3188



64.8198, 0.3231, 0.3220

Complementary

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



64.8198, 0.3216, 0.3463



56.8326, 0.3035, 0.3113

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.



64.8198, 0.3134, 0.3154



64.8198, 0.3216, 0.3463



64.8198, 0.2965, 0.3135

Square

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



64.8198, 0.3216, 0.3463



64.8198, 0.2957, 0.3271



64.8198, 0.3037, 0.3123



64.8198, 0.3300, 0.3305

Rectangle

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



64.8198, 0.3216, 0.3463



64.8198, 0.3053, 0.3388



64.8198, 0.3037, 0.3123



64.8198, 0.3200, 0.3195

Sweetspot

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



64.8226, 0.3216, 0.3463



99.5456, 0.3152, 0.3339



58.8777, 0.3245, 0.3314



21.3116, 0.3151, 0.3336



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.



64.8226, 0.3216, 0.3463



98.2369, 0.3229, 0.3488



63.7502, 0.3160, 0.3466



14.4311, 0.3246, 0.3522



35.3469, 0.3959, 0.5239



2.1560, 0.4002, 0.5205

Inverse Universe

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



56.8326, 0.3035, 0.3113



84.4730, 0.3021, 0.3086



57.8815, 0.3092, 0.3116



12.0882, 0.3002, 0.3050



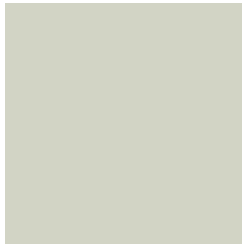
3.1172, 0.1555, 0.0630



0.2147, 0.1683, 0.0701

Previews

White Background



This preview shows how the Yxy color 64.8198, 0.3216, 0.3463 looks on a white background.

Color Contrast Check

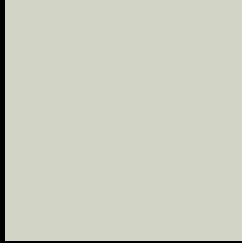
Large Text (above 18pt) WCAG AA × Fail

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 64.8198, 0.3216, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

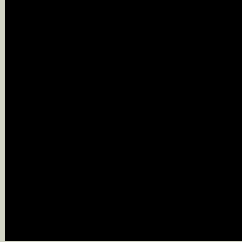
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

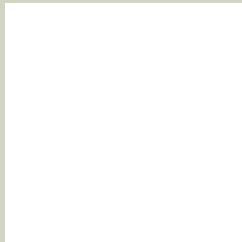
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8198, 0.3216, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 64.8198, 0.3216, 0.3463.



This preview shows how white text looks on a background with the Yxy color 64.8198, 0.3216, 0.3463.

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

64.8198, 0.3216, 0.3463

Protanopia

64.9841, 0.3287, 0.3449

Deuteranopia

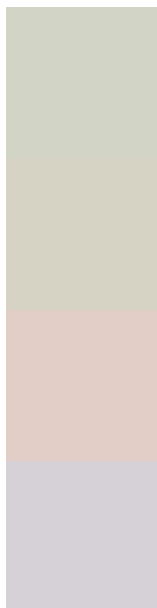
64.4976, 0.3408, 0.3334



Tritanopia

64.7897, 0.3062, 0.3112

Trichromacy



Original Color

64.8198, 0.3216, 0.3463

Protanomaly

65.0211, 0.3262, 0.3461

Deuteranomaly

64.3886, 0.3340, 0.3380

Tritanomaly

64.6021, 0.3122, 0.3234

Monochromacy



Original Color

64.8198, 0.3216, 0.3463

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6979, 0.3161, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8198, 0.3216, 0.3463 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, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 197)  
}
```

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, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 197) }
```

Border

The CSS property to change the border of an element to Yxy 64.8198, 0.3216, 0.3463 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, 212, 197) }
```

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

```
.border{ border-color:rgb(210, 212, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8198, 0.3216, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 197) }
```

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

```
.background{ background-color: rgb(210,  
212, 197) }
```

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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