

Converting Colors

Yxy(64.0198, 0.3213, 0.3437)

Have a look what the booklet for
Yxy(64.0198, 0.3213, 0.3437)
contains.

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Color

Yxy(63.8720, 0.3211, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	D2D2C6
RGB	210, 210, 198
RGB Percent	82%, 82%, 78%
CMY	0.1765, 0.1764, 0.2236
CMYK	0.00, 0.00, 0.06, 0.18
HSL	60°, 12%, 80%
HSV	60°, 6%, 82%
XYZ	59.8113, 63.8720, 62.5867
YIQ	208.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

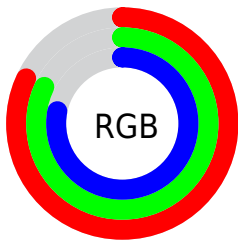
Format	Color
R_{YB}	198, 210, 198
Decimal	13816518
CIE Lab	83.90, -2.13, 5.95
CIE LCh	84, 6.318, 109.716
Yxy	63.8720, 0.3211, 0.3429
Android (android.graphics.Color)	4292006598 (0xFFD2D2C6)
YUV	208.6320, -5.2416, 1.1997
Hunter-Lab	79.9200, -6.2723, 9.5129

Details

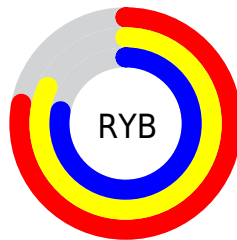
The Yxy color **63.8720, 0.3211, 0.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0379, 0.3041, 0.3147**, and the grayscale version is **63.5400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8585, 0.3238, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **62.9636, 0.3361, 0.3678**, and if you desaturate by 10%, it is **64.9203, 0.3066, 0.3189**.

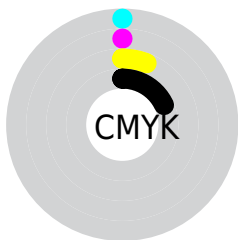
Distribution



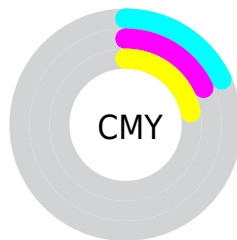
- Red (82%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8720, 0.3211, 0.3429 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 63.8720, 0.3211, 0.3429 by changing the saturation by 10% instead.

■ 63.8720, 0.3211,
0.3429

■ 63.8720, 0.3211,
0.3429

438.7273, 0.3171,
0.3363

■ 46.5470, 0.3220,
0.3445

110.4266, 0.3197,
0.3406

■ 32.6777, 0.3232,
0.3464

140.4249, 0.3192,
0.3397

■ 21.8797, 0.3247,
0.3489

175.4166, 0.3187,
0.3389

■ 13.7685, 0.3266,
0.3523

215.7858, 0.3183,
0.3382

■ 7.9598, 0.3294,
0.3570

261.9172, 0.3180,
0.3377

■ 4.0693, 0.3335,
0.3642

314.1949, 0.3177,

■ 1.7124, 0.3402,

0.3372

0.3762

373.0035, 0.3174,
0.3367

0.4317, 0.4244,
0.5114

0.0000, 0.0000,
0.0000

63.8720, 0.3211,
0.3429

63.8720, 0.3211,
0.3429

62.9636, 0.3361,
0.3678

64.9203, 0.3066,
0.3189

62.1814, 0.3512,
0.3928

66.1054, 0.2929,
0.2961

61.5221, 0.3660,
0.4174


67.0437, 0.2837,
0.2808


60.9795, 0.3798,
0.4403


67.0521, 0.2837,
0.2808

 60.5467, 0.3921,
0.4608


 67.0604, 0.2837,
0.2808

 60.2161, 0.4024,
0.4780

 67.0688, 0.2838,
0.2808


 59.9790, 0.4102,
0.4910

 67.0772, 0.2838,
0.2808

 59.8255, 0.4154,
0.4998

 67.0856, 0.2838,
0.2808

 59.7433, 0.4181,
0.5044

 67.0939, 0.2839,
0.2808

Harmonies

Analogous

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



63.8720, 0.3266, 0.3409



63.8720, 0.3211, 0.3429



63.8720, 0.3134, 0.3411

Triad

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



63.8720, 0.3211, 0.3429



63.8720, 0.2973, 0.3219



63.8720, 0.3198, 0.3223

Complementary

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



63.8720, 0.3211, 0.3429



57.0379, 0.3041, 0.3147

Split Complementary

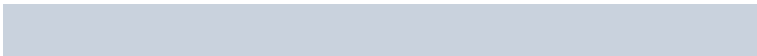
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.8720, 0.3119, 0.3174



63.8720, 0.3211, 0.3429



63.8720, 0.2990, 0.3171

Square

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



63.8720, 0.3211, 0.3429



63.8720, 0.2997, 0.3288



63.8720, 0.3043, 0.3154



63.8720, 0.3259, 0.3290

Rectangle

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



63.8720, 0.3211, 0.3429



63.8720, 0.3081, 0.3379



63.8720, 0.3043, 0.3154



63.8720, 0.3173, 0.3204

Sweetspot

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



63.8748, 0.3211, 0.3429



99.6732, 0.3157, 0.3339



58.1569, 0.3223, 0.3290



21.3376, 0.3155, 0.3336



0.0000, 0.0000, 0.0000



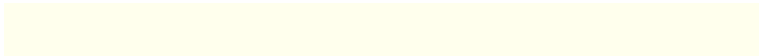
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8748, 0.3211, 0.3429



98.8940, 0.3231, 0.3462



63.0126, 0.3166, 0.3431



13.8344, 0.3238, 0.3473



36.4239, 0.4189, 0.5056



2.0371, 0.4189, 0.5056

Inverse Universe

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



57.0379, 0.3041, 0.3147



85.9140, 0.3020, 0.3112



57.8676, 0.3087, 0.3149



11.9085, 0.3013, 0.3100



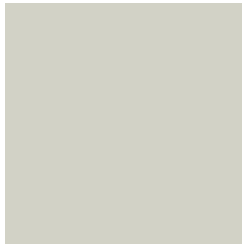
2.8413, 0.1501, 0.0601



0.1594, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 63.8720, 0.3211, 0.3429 looks on a white background.

Color Contrast Check

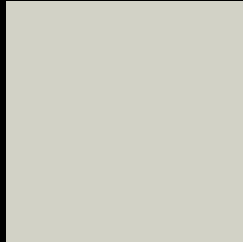
Large Text (above 18pt) WCAG AA × Fail

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 63.8720, 0.3211, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

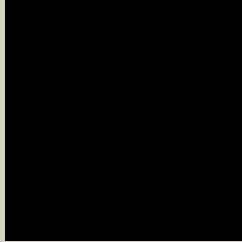
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

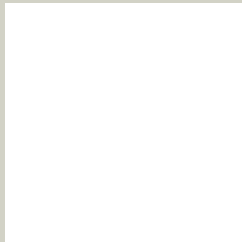
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8720, 0.3211, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 63.8720, 0.3211, 0.3429.



This preview shows how white text looks on a background with the Yxy color 63.8720, 0.3211, 0.3429.

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

63.8720, 0.3211, 0.3429

Protanopia

63.7419, 0.3266, 0.3416

Deuteranopia

63.7348, 0.3386, 0.3313



Tritanopia

63.7665, 0.3069, 0.3100

Trichromacy



Original Color

63.8720, 0.3211, 0.3429

Protanomaly

63.9283, 0.3250, 0.3428

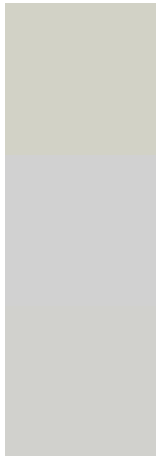
Deuteranomaly

63.7937, 0.3326, 0.3358

Tritanomaly

63.6268, 0.3123, 0.3211

Monochromacy



Original Color

63.8720, 0.3211, 0.3429

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5640, 0.3155, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8720, 0.3211, 0.3429 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, 210, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 198)  
}
```

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, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 198) }
```

Border

The CSS property to change the border of an element to Yxy 63.8720, 0.3211, 0.3429 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, 210, 198) }
```

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

```
.border{ border-color:rgb(210, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8720, 0.3211, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 198) }
```

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

```
.background{ background-color: rgb(210,  
210, 198) }
```

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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