

Converting Colors

$Yxy(65.6526, 0.3279, 0.3494)$

Have a look what the booklet for
Yxy(65.6526, 0.3279, 0.3494)
contains.

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Color

Yxy(65.5809, 0.3283, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	D8D4C2
RGB	216, 212, 194
RGB Percent	85%, 83%, 76%
CMY	0.1529, 0.1686, 0.2392
CMYK	0.00, 0.02, 0.10, 0.15
HSL	49°, 22%, 80%
HSV	49°, 10%, 85%
XYZ	61.6029, 65.5809, 60.4583
YIQ	211.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

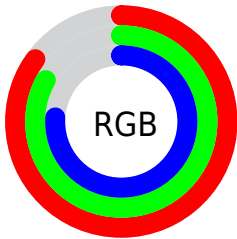
Format	Color
RYB	199, 216, 194
Decimal	14210242
CIELab	84.78, -1.70, 9.38
CIElCh	85, 9.531, 100.287
Yxy	65.5809, 0.3283, 0.3495
Android (android.graphics.Color)	4292400322 (0xFFD8D4C2)
YUV	211.1440, -8.4520, 4.2587
Hunter-Lab	80.9820, -5.9339, 12.4236

Details

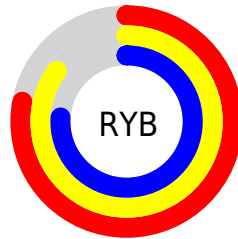
The Yxy color **65.5809, 0.3283, 0.3495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8279, 0.2969, 0.3076**, and the grayscale version is **65.2972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.5845, 0.3325, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **62.7387, 0.3446, 0.3704**, and if you desaturate by 10%, it is **68.6179, 0.3130, 0.3294**.

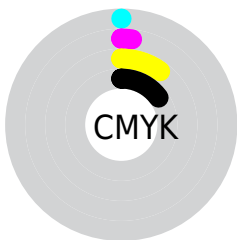
Distribution



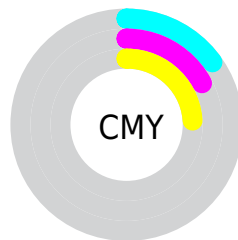
- Red (85%)
- Green (83%)
- Blue (76%)



- Red (78%)
- Yellow (85%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5809, 0.3283, 0.3495 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 65.5809, 0.3283, 0.3495 by changing the saturation by 10% instead.

■ 65.5809, 0.3283,
0.3495

■ 65.5809, 0.3283,
0.3495

■ 444.8765, 0.3210,
0.3398

■ 47.9323, 0.3300,
0.3518

■ 112.8846, 0.3257,
0.3461

■ 33.7733, 0.3321,
0.3546

■ 143.3085, 0.3247,
0.3448

■ 22.7195, 0.3348,
0.3583

■ 178.7595, 0.3239,
0.3436

■ 14.3865, 0.3384,
0.3631

■ 219.6222, 0.3231,
0.3427

■ 8.3900, 0.3434,
0.3699

■ 266.2808, 0.3225,
0.3418

■ 4.3455, 0.3508,
0.3800

■ 319.1198, 0.3219,

■ 1.8686, 0.3626,

0.3411

378.5236, 0.3214,
0.3404

0.3965

0.5294, 0.4658,
0.5342

0.0000, 0.0000,
0.0000

65.5809, 0.3283,
0.3495

65.5809, 0.3283,
0.3495

62.7387, 0.3446,
0.3704

68.6179, 0.3130,
0.3294

60.0764, 0.3618,
0.3915

71.8470, 0.2988,
0.3103

57.5898, 0.3792,
0.4121

75.0286, 0.2882,
0.2963

55.2717, 0.3965,
0.4313

77.1663, 0.2883,
0.3005

■ 53.1140, 0.4128,
0.4482

■ 79.3532, 0.2885,
0.3047

■ 51.1077, 0.4274,
0.4616

■ 81.5897, 0.2886,
0.3088

■ 49.2426, 0.4397,
0.4709

■ 83.8762, 0.2888,
0.3130

■ 47.5069, 0.4492,
0.4755

■ 86.2129, 0.2890,
0.3171

■ 45.9077, 0.4561,
0.4761

■ 88.6001, 0.2891,
0.3212

Harmonies

Analogous

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



65.5809, 0.3350, 0.3448



65.5809, 0.3283, 0.3495



65.5809, 0.3175, 0.3486

Triad

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



65.5809, 0.3283, 0.3495



65.5809, 0.2903, 0.3213



65.5809, 0.3197, 0.3164

Complementary

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



65.5809, 0.3283, 0.3495



56.8279, 0.2969, 0.3076

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.



65.5809, 0.3077, 0.3103



65.5809, 0.3283, 0.3495



65.5809, 0.2909, 0.3129

Square

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



65.5809, 0.3283, 0.3495



65.5809, 0.2956, 0.3321



65.5809, 0.2971, 0.3090



65.5809, 0.3300, 0.3257

Rectangle

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



65.5809, 0.3283, 0.3495



65.5809, 0.3094, 0.3449



65.5809, 0.2971, 0.3090



65.5809, 0.3157, 0.3139

Sweetspot

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



65.5838, 0.3283, 0.3495



98.6310, 0.3172, 0.3350



57.2698, 0.3275, 0.3244



21.0337, 0.3185, 0.3366



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.



65.5838, 0.3283, 0.3495



94.6778, 0.3314, 0.3535



66.5737, 0.3226, 0.3543



14.1172, 0.3271, 0.3479



27.3161, 0.4554, 0.4766



1.7500, 0.4481, 0.4824

Inverse Universe

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



56.8279, 0.2969, 0.3076



79.7111, 0.2937, 0.3033



55.9632, 0.3022, 0.3032



12.3710, 0.2982, 0.3093



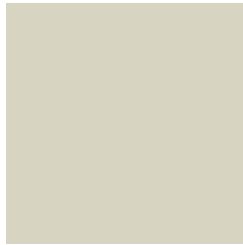
3.9212, 0.1549, 0.0776



0.3485, 0.1633, 0.1077

Previews

White Background



This preview shows how the Yxy color 65.5809, 0.3283, 0.3495 looks on a white background.

Color Contrast Check

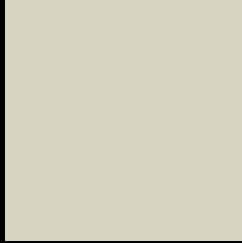
Large Text (above 18pt) WCAG AA × Fail

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 65.5809, 0.3283, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

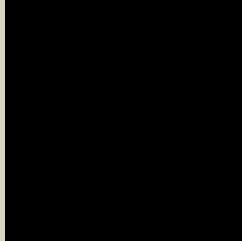
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

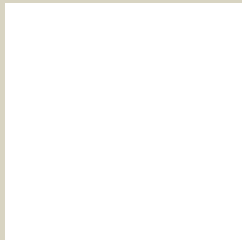
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5809, 0.3283, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 65.5809, 0.3283, 0.3495.

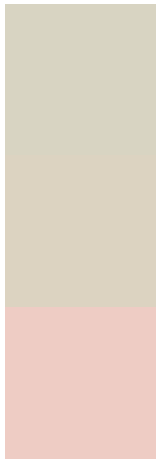


This preview shows how white text looks on a background with the Yxy color 65.5809, 0.3283, 0.3495.

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

65.5809, 0.3283, 0.3495

Protanopia

65.6544, 0.3322, 0.3494

Deuteranopia

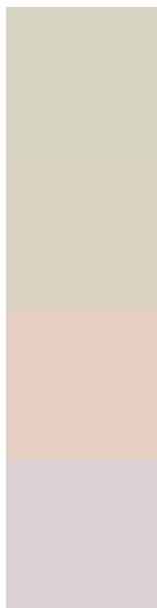
65.3484, 0.3453, 0.3378



Tritanopia

65.7092, 0.3106, 0.3114

Trichromacy



Original Color

65.5809, 0.3283, 0.3495

Protanomaly

65.4989, 0.3315, 0.3494

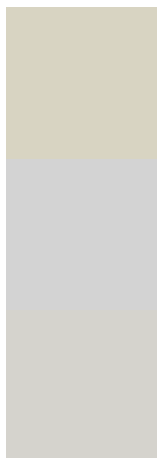
Deuteranomaly

65.3888, 0.3392, 0.3423

Tritanomaly

65.4651, 0.3174, 0.3246

Monochromacy



Original Color

65.5809, 0.3283, 0.3495

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1424, 0.3184, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5809, 0.3283, 0.3495 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(216, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 212, 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(216, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 212, 194) }
```

Border

The CSS property to change the border of an element to Yxy 65.5809, 0.3283, 0.3495 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(216, 212, 194) }
```

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

```
.border{ border-color:rgb(216, 212, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 212,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5809, 0.3283, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 212, 194) }
```

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

```
.background{ background-color: rgb(216,  
212, 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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