

Converting Colors

Yxy(67.4010, 0.3183, 0.3536)

Have a look what the booklet for
Yxy(67.4010, 0.3183, 0.3536)
contains.

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Color

Yxy(67.2958, 0.3181, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	CEDAC5
RGB	206, 218, 197
RGB Percent	81%, 85%, 77%
CMY	0.1921, 0.1451, 0.2274
CMYK	0.05, 0.00, 0.10, 0.15
HSL	94°, 22%, 81%
HSV	94°, 10%, 85%
XYZ	60.6081, 67.2958, 62.6278
YIQ	212.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

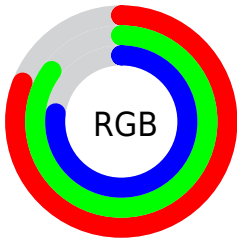
Format	Color
RYB	197, 218, 209
Decimal	13556421
CIELab	85.65, -7.80, 8.94
CIELCh	86, 11.860, 131.109
Yxy	67.2958, 0.3181, 0.3532
Android (android.graphics.Color)	4291746501 (0xFFCEDAC5)
YUV	212.0180, -7.4039, -5.2778
Hunter-Lab	82.0340, -11.6807, 12.1597

Details

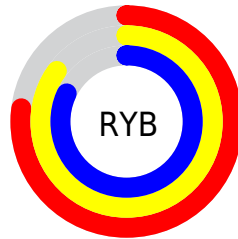
The Yxy color **67.2958, 0.3181, 0.3532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5572, 0.3069, 0.3050**, and the grayscale version is **65.9052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.8530, 0.3198, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **64.6586, 0.3236, 0.3806**, and if you desaturate by 10%, it is **70.2244, 0.3125, 0.3281**.

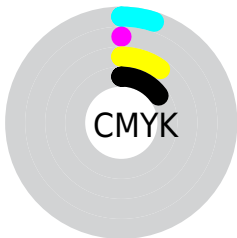
Distribution



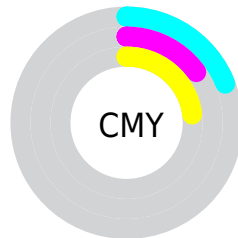
- Red (81%)
- Green (85%)
- Blue (77%)



- Red (77%)
- Yellow (85%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2958, 0.3181, 0.3532 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 67.2958, 0.3181, 0.3532 by changing the saturation by 10% instead.

■ 67.2958, 0.3181,
0.3532

■ 67.2958, 0.3181,
0.3532

450.9969, 0.3157,
0.3417

■ 49.3251, 0.3186,
0.3559

115.3442, 0.3173,
0.3491

■ 34.8774, 0.3193,
0.3593

146.1906, 0.3169,
0.3476

■ 23.5685, 0.3202,
0.3637

182.0976, 0.3166,
0.3462

■ 15.0138, 0.3212,
0.3696

223.4498, 0.3164,
0.3451

■ 8.8291, 0.3227,
0.3778

270.6314, 0.3162,
0.3441

■ 4.6299, 0.3246,
0.3902

324.0269, 0.3160,

■ 2.0318, 0.3274,

0.3432

0.4109

384.0206, 0.3158,
0.3424

0.6258, 0.3721,
0.5757

0.0000, 0.0000,
0.0000

67.2958, 0.3181,
0.3532

67.2958, 0.3181,
0.3532

64.6586, 0.3236,
0.3806

70.2244, 0.3125,
0.3281

62.2947, 0.3287,
0.4100

73.4447, 0.3070,
0.3054

60.1970, 0.3331,
0.4406

76.4810, 0.3063,
0.2921

58.3549, 0.3364,
0.4715

78.6222, 0.3144,
0.2930

■ 56.7568, 0.3382,
0.5013

■ 55.3903, 0.3382,
0.5282

■ 54.2413, 0.3363,
0.5506

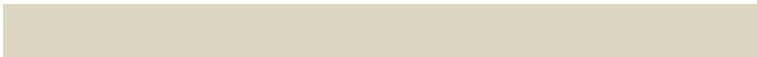
■ 53.2938, 0.3323,
0.5673

■ 52.5234, 0.3270,
0.5784

Harmonies

Analogous

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



67.2958, 0.3316, 0.3544



67.2958, 0.3181, 0.3532



67.2958, 0.3034, 0.3451

Triad

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



67.2958, 0.3181, 0.3532



67.2958, 0.2859, 0.3089



67.2958, 0.3344, 0.3252

Complementary

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



67.2958, 0.3181, 0.3532



58.5572, 0.3069, 0.3050

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.



67.2958, 0.3217, 0.3137



67.2958, 0.3181, 0.3532



67.2958, 0.2938, 0.3043

Square

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



67.2958, 0.3181, 0.3532



67.2958, 0.2851, 0.3191



67.2958, 0.3068, 0.3062



67.2958, 0.3412, 0.3379

Rectangle

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



67.2958, 0.3181, 0.3532



67.2958, 0.2949, 0.3369



67.2958, 0.3068, 0.3062



67.2958, 0.3306, 0.3211

Sweetspot

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



67.2987, 0.3181, 0.3532



98.6980, 0.3144, 0.3364



64.4925, 0.3281, 0.3425



21.0523, 0.3149, 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.



67.2987, 0.3181, 0.3532



95.0191, 0.3195, 0.3598



66.1113, 0.3106, 0.3520



14.8780, 0.3180, 0.3527



31.5123, 0.3278, 0.5779



2.0917, 0.3407, 0.5677

Inverse Universe

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



58.5572, 0.3069, 0.3050



79.6011, 0.3052, 0.2985



59.8346, 0.3148, 0.3070



12.9823, 0.3070, 0.3055



5.6857, 0.2173, 0.0971



0.4188, 0.2337, 0.1061

Previews

White Background



This preview shows how the Yxy color 67.2958, 0.3181, 0.3532 looks on a white background.

Color Contrast Check

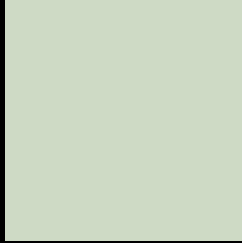
Large Text (above 18pt) WCAG AA × Fail

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 67.2958, 0.3181, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

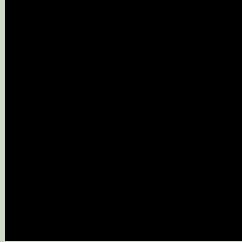
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

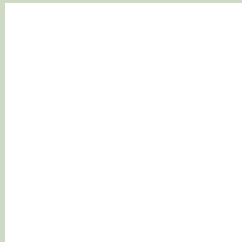
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2958, 0.3181, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 67.2958, 0.3181, 0.3532.

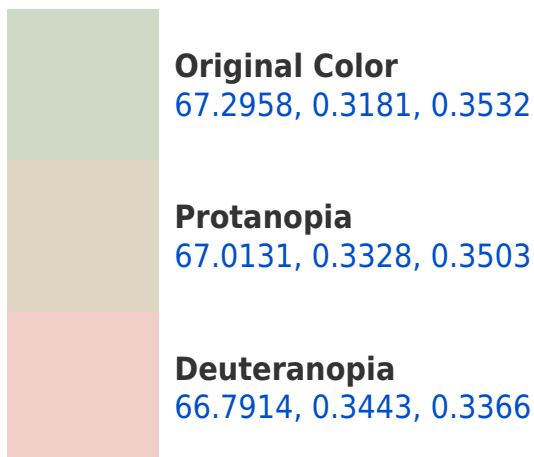


This preview shows how white text looks on a background with the Yxy color 67.2958, 0.3181, 0.3532.

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

67.1506, 0.3000, 0.3102

Trichromacy



Original Color

67.2958, 0.3181, 0.3532

Protanomaly

67.1399, 0.3272, 0.3517

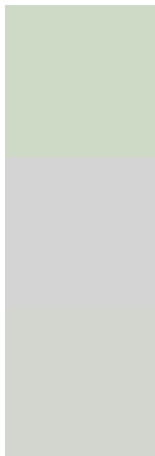
Deuteranomaly

66.6644, 0.3350, 0.3423

Tritanomaly

67.2181, 0.3064, 0.3256

Monochromacy



Original Color

67.2958, 0.3181, 0.3532

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2998, 0.3145, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2958, 0.3181, 0.3532 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(206, 218, 197)` looks like.

```
.text, #text, p{  
    color:rgb(206, 218, 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(206, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 218, 197) }
```

Border

The CSS property to change the border of an element to Yxy 67.2958, 0.3181, 0.3532 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(206, 218, 197) }
```

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

```
.border{ border-color:rgb(206, 218, 197) }
```

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

Here you see how a box with a 4 pixel rgb(206, 218, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 218, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 218, 197);  
box-shadow:4px 4px 4px 4px rgb(206, 218,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2958, 0.3181, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 218, 197) }
```

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

```
.background{ background-color: rgb(206,  
218, 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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