

Converting Colors

$Yxy(67.8920, 0.3229, 0.3522)$

Have a look what the booklet for
Yxy(67.8920, 0.3229, 0.3522)
contains.

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Color

Yxy(67.6540, 0.3226, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	D4D9C5
RGB	212, 217, 197
RGB Percent	83%, 85%, 77%
CMY	0.1687, 0.1490, 0.2274
CMYK	0.02, 0.00, 0.09, 0.15
HSL	75°, 21%, 81%
HSV	75°, 9%, 85%
XYZ	62.0386, 67.6540, 62.6155
YIQ	213.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

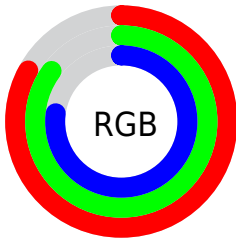
Format	Color
RYB	197, 217, 202
Decimal	13949381
CIELab	85.83, -5.21, 9.26
CIELCh	86, 10.625, 119.391
Yxy	67.6540, 0.3226, 0.3518
Android (android.graphics.Color)	4292139461 (0xFFD4D9C5)
YUV	213.2250, -7.9989, -1.0743
Hunter-Lab	82.2521, -9.3075, 12.4411

Details

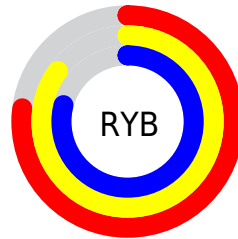
The Yxy color **67.6540, 0.3226, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5078, 0.3023, 0.3057**, and the grayscale version is **66.7509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.9919, 0.3248, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **65.9354, 0.3334, 0.3779**, and if you desaturate by 10%, it is **69.5491, 0.3119, 0.3271**.

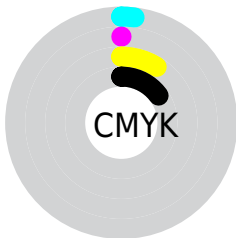
Distribution



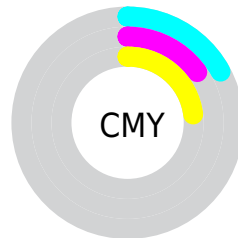
- Red (83%)
- Green (85%)
- Blue (77%)



- Red (77%)
- Yellow (85%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6540, 0.3226, 0.3518 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 67.6540, 0.3226, 0.3518 by changing the saturation by 10% instead.

67.6540, 0.3226,
0.3518

67.6540, 0.3226,
0.3518

452.2691, 0.3180,
0.3410

49.6163, 0.3236,
0.3543

115.8570, 0.3210,
0.3480

35.1086, 0.3249,
0.3575

146.7911, 0.3204,
0.3465

23.7466, 0.3266,
0.3616

182.7929, 0.3199,
0.3453

15.1457, 0.3287,
0.3670

224.2466, 0.3194,
0.3442

8.9217, 0.3317,
0.3746

271.5366, 0.3190,
0.3433

4.6902, 0.3359,
0.3859

325.0475, 0.3186,

2.0666, 0.3423,

0.3424

0.4046

385.1635, 0.3183,
0.3417

0.6458, 0.4094,
0.5435

0.0000, 0.0000,
0.0000

67.6540, 0.3226,
0.3518

67.6540, 0.3226,
0.3518

65.9354, 0.3334,
0.3779

69.5491, 0.3119,
0.3271

64.3782, 0.3441,
0.4048

71.6178, 0.3016,
0.3042

62.9784, 0.3541,
0.4318

73.4023, 0.2961,
0.2899

61.7288, 0.3629,
0.4580

74.3106, 0.2998,
0.2903

■ 60.6212, 0.3701,
0.4821

■ 75.2473, 0.3035,
0.2908

■ 59.6469, 0.3751,
0.5031

■ 76.2128, 0.3073,
0.2912

■ 58.7958, 0.3776,
0.5199

■ 77.2071, 0.3111,
0.2916

■ 58.0561, 0.3775,
0.5321

■ 78.1111, 0.3145,
0.2920

■ 57.4084, 0.3753,
0.5399

Harmonies

Analogous

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



67.6540, 0.3333, 0.3504



67.6540, 0.3226, 0.3518



67.6540, 0.3094, 0.3468

Triad

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



67.6540, 0.3226, 0.3518



67.6540, 0.2876, 0.3141



67.6540, 0.3281, 0.3213

Complementary

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



67.6540, 0.3226, 0.3518



57.5078, 0.3023, 0.3057

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.



67.6540, 0.3156, 0.3121



67.6540, 0.3226, 0.3518



67.6540, 0.2924, 0.3078

Square

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



67.6540, 0.3226, 0.3518



67.6540, 0.2894, 0.3246



67.6540, 0.3025, 0.3072



67.6540, 0.3366, 0.3326

Rectangle

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



67.6540, 0.3226, 0.3518



67.6540, 0.3011, 0.3405



67.6540, 0.3025, 0.3072



67.6540, 0.3242, 0.3179

Sweetspot

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



67.6569, 0.3226, 0.3518



99.1541, 0.3159, 0.3363



61.0298, 0.3281, 0.3348



21.1755, 0.3168, 0.3383



0.0000, 0.0000, 0.0000



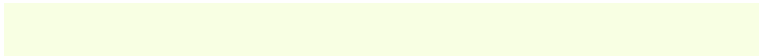
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6569, 0.3226, 0.3518



97.0102, 0.3246, 0.3566



66.2204, 0.3152, 0.3523



15.0905, 0.3228, 0.3524



34.7712, 0.3757, 0.5399



2.2924, 0.3831, 0.5340

Inverse Universe

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



57.5078, 0.3023, 0.3057



79.6236, 0.2999, 0.3006



58.9447, 0.3099, 0.3062



12.7746, 0.3020, 0.3051



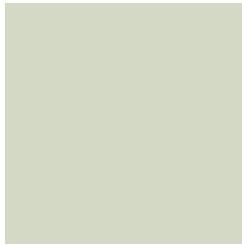
3.5592, 0.1650, 0.0683



0.2714, 0.1818, 0.0775

Previews

White Background



This preview shows how the Yxy color 67.6540, 0.3226, 0.3518 looks on a white background.

Color Contrast Check

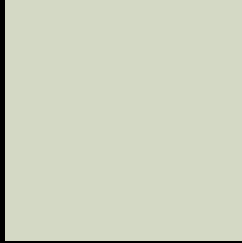
Large Text (above 18pt) WCAG AA × Fail

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 67.6540, 0.3226, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

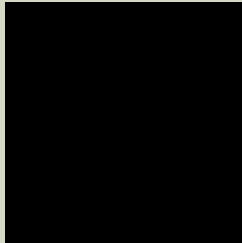
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

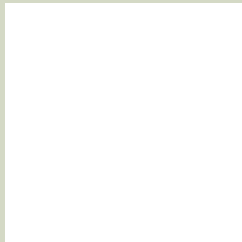
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6540, 0.3226, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 67.6540, 0.3226, 0.3518.



This preview shows how white text looks on a background with the Yxy color 67.6540, 0.3226, 0.3518.

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

67.6540, 0.3226, 0.3518

Protanopia

67.7212, 0.3327, 0.3502

Deuteranopia

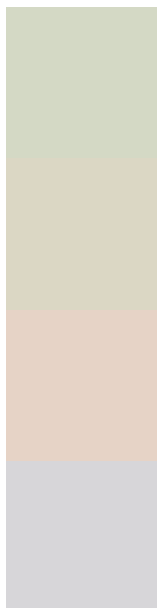
67.4499, 0.3449, 0.3376



Tritanopia

67.4958, 0.3049, 0.3104

Trichromacy



Original Color

67.6540, 0.3226, 0.3518

Protanomaly

67.6465, 0.3288, 0.3504

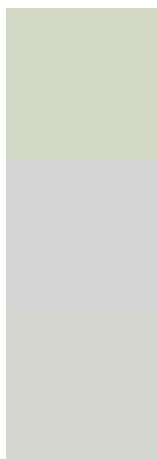
Deuteranomaly

67.4887, 0.3364, 0.3433

Tritanomaly

67.5500, 0.3114, 0.3257

Monochromacy



Original Color

67.6540, 0.3226, 0.3518

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7443, 0.3168, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6540, 0.3226, 0.3518 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(212, 217, 197)` looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 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(212, 217, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 197) }
```

Border

The CSS property to change the border of an element to Yxy 67.6540, 0.3226, 0.3518 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(212, 217, 197) }
```

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

```
.border{ border-color:rgb(212, 217, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 217, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 217, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 217, 197);  
box-shadow:4px 4px 4px 4px rgb(212, 217,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6540, 0.3226, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 217, 197) }
```

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

```
.background{ background-color: rgb(212,  
217, 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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