

Converting Colors

$Yxy(67.8647, 0.3221, 0.3487)$

Have a look what the booklet for
Yxy(67.8647, 0.3221, 0.3487)
contains.

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Color

Yxy(67.8954, 0.3220, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	D5D9C7
RGB	213, 217, 199
RGB Percent	84%, 85%, 78%
CMY	0.1646, 0.1490, 0.2195
CMYK	0.02, 0.00, 0.08, 0.15
HSL	73°, 19%, 82%
HSV	73°, 8%, 85%
XYZ	62.5710, 67.8954, 63.8535
YIQ	213.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

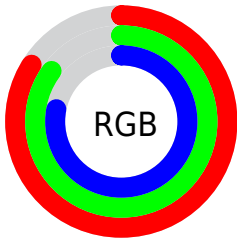
Format	Color
R _Y B	199, 217, 203
Decimal	14014919
CIE Lab	85.95, -4.50, 8.38
CIE LCh	86, 9.508, 118.236
Yxy	67.8954, 0.3220, 0.3494
Android (android.graphics.Color)	4292204999 (0xFFD5D9C7)
YUV	213.7520, -7.2727, -0.6595
Hunter-Lab	82.3987, -8.6502, 11.7332

Details

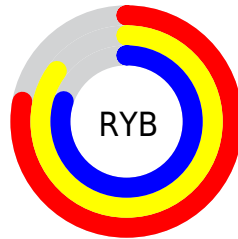
The Yxy color **67.8954, 0.3220, 0.3494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5617, 0.3030, 0.3081**, and the grayscale version is **67.1233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1541, 0.3240, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **66.2560, 0.3334, 0.3752**, and if you desaturate by 10%, it is **69.7056, 0.3108, 0.3249**.

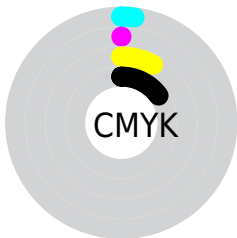
Distribution



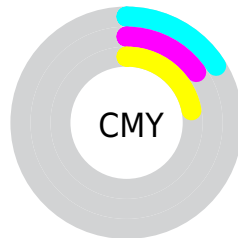
- Red (84%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8954, 0.3220, 0.3494 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 67.8954, 0.3220, 0.3494 by changing the saturation by 10% instead.

■ 67.8954, 0.3220,
0.3494

■ 67.8954, 0.3220,
0.3494

453.1253, 0.3177,
0.3398

■ 49.8126, 0.3230,
0.3517

116.2025, 0.3205,
0.3460

■ 35.2646, 0.3242,
0.3545

147.1956, 0.3199,
0.3447

■ 23.8667, 0.3258,
0.3581

183.2610, 0.3194,
0.3436

■ 15.2348, 0.3278,
0.3629

224.7830, 0.3190,
0.3426

■ 8.9843, 0.3306,
0.3696

272.1460, 0.3186,
0.3418

■ 4.7310, 0.3346,
0.3797

325.7345, 0.3183,

■ 2.0903, 0.3408,

0.3410

385.9328, 0.3180,
0.3404

0.3962

0.6592, 0.3951,
0.5040

0.0000, 0.0000,
0.0000

67.8954, 0.3220,
0.3494

67.8954, 0.3220,
0.3494

66.2560, 0.3334,
0.3752

69.7056, 0.3108,
0.3249

64.7722, 0.3446,
0.4019


71.6835, 0.3001,
0.3021

63.4403, 0.3552,
0.4286

73.2362, 0.2954,
0.2898

62.2533, 0.3647,
0.4544

74.0267, 0.2987,
0.2902


 61.2031, 0.3726,
0.4782


 74.8391, 0.3019,
0.2906

 60.2812, 0.3784,
0.4989


 75.6734, 0.3052,
0.2909


 59.4777, 0.3817,
0.5155

 76.5298, 0.3085,
0.2913

 58.7811, 0.3824,
0.5275

 77.4085, 0.3119,
0.2917

 58.1744, 0.3808,
0.5350

 78.1028, 0.3145,
0.2920

Harmonies

Analogous

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



67.8954, 0.3314, 0.3480



67.8954, 0.3220, 0.3494



67.8954, 0.3103, 0.3451

Triad

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



67.8954, 0.3220, 0.3494



67.8954, 0.2902, 0.3160



67.8954, 0.3261, 0.3218

Complementary

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



67.8954, 0.3220, 0.3494



58.5617, 0.3030, 0.3081

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.



67.8954, 0.3149, 0.3136



67.8954, 0.3220, 0.3494



67.8954, 0.2942, 0.3102

Square

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



67.8954, 0.3220, 0.3494



67.8954, 0.2921, 0.3255



67.8954, 0.3032, 0.3094



67.8954, 0.3338, 0.3319

Rectangle

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



67.8954, 0.3220, 0.3494



67.8954, 0.3027, 0.3396



67.8954, 0.3032, 0.3094



67.8954, 0.3226, 0.3187

Sweetspot

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



67.8983, 0.3220, 0.3494



99.4632, 0.3150, 0.3339



61.5483, 0.3265, 0.3335



21.2949, 0.3148, 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.



67.8983, 0.3220, 0.3494



97.4144, 0.3241, 0.3540



66.6011, 0.3154, 0.3498



15.1116, 0.3233, 0.3523



35.2059, 0.3810, 0.5357



2.3173, 0.3876, 0.5305

Inverse Universe

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



58.5617, 0.3030, 0.3081



81.2186, 0.3007, 0.3033



59.8498, 0.3097, 0.3086



12.7549, 0.3015, 0.3051



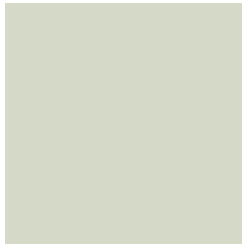
3.4491, 0.1620, 0.0666



0.2618, 0.1779, 0.0754

Previews

White Background



This preview shows how the Yxy color 67.8954, 0.3220, 0.3494 looks on a white background.

Color Contrast Check

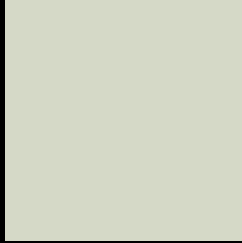
Large Text (above 18pt) WCAG AA × Fail

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 67.8954, 0.3220, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

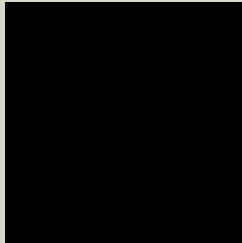
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

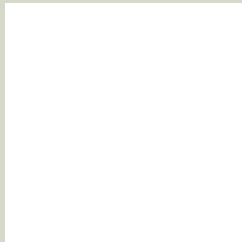
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8954, 0.3220, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 67.8954, 0.3220, 0.3494.



This preview shows how white text looks on a background with the Yxy color 67.8954, 0.3220, 0.3494.

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

67.8954, 0.3220, 0.3494

Protanopia

67.8123, 0.3313, 0.3480

Deuteranopia

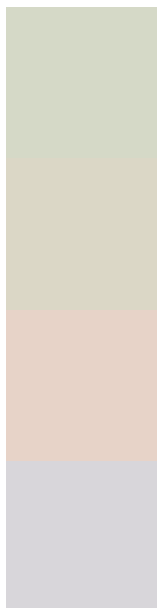
67.5435, 0.3434, 0.3355



Tritanopia

68.1511, 0.3056, 0.3115

Trichromacy



Original Color

67.8954, 0.3220, 0.3494

Protanomaly

67.7382, 0.3274, 0.3481

Deuteranomaly

67.7476, 0.3357, 0.3411

Tritanomaly

67.7540, 0.3115, 0.3246

Monochromacy



Original Color

67.8954, 0.3220, 0.3494

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5005, 0.3161, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8954, 0.3220, 0.3494 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(213, 217, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 199)  
}
```

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(213, 217, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 199) }
```

Border

The CSS property to change the border of an element to Yxy 67.8954, 0.3220, 0.3494 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(213, 217, 199) }
```

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

```
.border{ border-color:rgb(213, 217, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 217, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 217, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 217, 199); box-shadow:4px 4px 4px 4px rgb(213, 217, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8954, 0.3220, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 199) }
```

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

```
.background{ background-color: rgb(213,  
217, 199) }
```

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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