

Converting Colors

Yxy(67.9132, 0.3310, 0.3514)

Have a look what the booklet for
Yxy(67.9132, 0.3310, 0.3514)
contains.

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Color

Yxy(67.9132, 0.3310, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	DDD7C3
RGB	221, 215, 195
RGB Percent	87%, 84%, 76%
CMY	0.1333, 0.1568, 0.2352
CMYK	0.00, 0.03, 0.12, 0.13
HSL	46°, 28%, 82%
HSV	46°, 12%, 87%
XYZ	63.9706, 67.9132, 61.3809
YIQ	214.5140, 9.9960, -4.9480

Conversions

Conversions Part 2

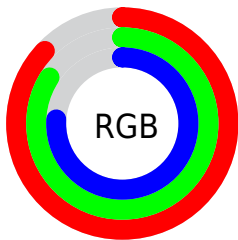
Format	Color
R _Y B	203, 221, 195
Decimal	14538691
CIE Lab	85.96, -1.32, 10.58
CIE LCh	86, 10.663, 97.098
Yxy	67.9132, 0.3310, 0.3514
Android (android.graphics.Color)	4292728771 (0xFFDDD7C3)
YUV	214.5140, -9.6204, 5.6882
Hunter-Lab	82.4095, -5.6554, 13.5258

Details

The Yxy color **67.9132, 0.3310, 0.3514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6067, 0.2943, 0.3056**, and the grayscale version is **67.6729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **35.1717, 0.3360, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **64.4330, 0.3479, 0.3712**, and if you desaturate by 10%, it is **71.6282, 0.3153, 0.3323**.

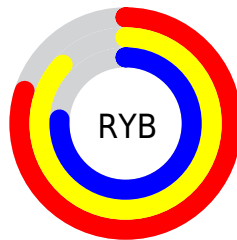
Distribution



Red (87%)

Green (84%)

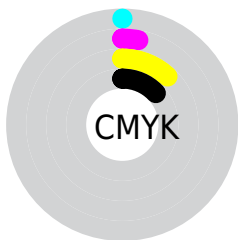
Blue (76%)



Red (80%)

Yellow (87%)

Blue (76%)

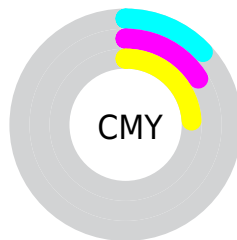


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9132, 0.3310, 0.3514 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 67.9132, 0.3310, 0.3514 by changing the saturation by 10% instead.

■ 67.9132, 0.3310,
0.3514

■ 67.9132, 0.3310,
0.3514

453.1884, 0.3224,
0.3409

■ 49.8271, 0.3330,
0.3538

116.2280, 0.3280,
0.3477

■ 35.2761, 0.3354,
0.3569

147.2254, 0.3269,
0.3463

■ 23.8756, 0.3386,
0.3608

183.2955, 0.3259,
0.3451

■ 15.2414, 0.3427,
0.3659

224.8225, 0.3250,
0.3440

■ 8.9890, 0.3484,
0.3731

272.1910, 0.3242,
0.3431

■ 4.7340, 0.3566,
0.3835

325.7851, 0.3236,

■ 2.0920, 0.3697,

0.3423

0.4004

385.9895, 0.3230,
0.3415

0.6601, 0.4742,
0.5258

0.0000, 0.0000,
0.0000

67.9132, 0.3310,
0.3514

67.9132, 0.3310,
0.3514

64.4330, 0.3479,
0.3712

71.6282, 0.3153,
0.3323

61.1715, 0.3657,
0.3913

75.5759, 0.3010,
0.3141

58.1240, 0.3841,
0.4108

79.3517, 0.2916,
0.3034

55.2822, 0.4025,
0.4289

82.2357, 0.2917,
0.3088

■ 52.6370, 0.4201,
0.4445

■ 85.2035, 0.2919,
0.3141

■ 50.1785, 0.4362,
0.4567

■ 88.2557, 0.2920,
0.3194

■ 47.8951, 0.4499,
0.4645

■ 91.3929, 0.2922,
0.3246

■ 45.7735, 0.4607,
0.4675

■ 94.1115, 0.2923,
0.3289

■ 44.1269, 0.4676,
0.4669

Harmonies

Analogous

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



67.9132, 0.3378, 0.3455



67.9132, 0.3310, 0.3514



67.9132, 0.3193, 0.3512

Triad

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



67.9132, 0.3310, 0.3514



67.9132, 0.2883, 0.3216



67.9132, 0.3190, 0.3141

Complementary

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



67.9132, 0.3310, 0.3514



58.6067, 0.2943, 0.3056

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.



67.9132, 0.3057, 0.3079



67.9132, 0.3310, 0.3514



67.9132, 0.2882, 0.3120

Square

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



67.9132, 0.3310, 0.3514



67.9132, 0.2948, 0.3337



67.9132, 0.2945, 0.3071



67.9132, 0.3309, 0.3241

Rectangle

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



67.9132, 0.3310, 0.3514



67.9132, 0.3105, 0.3474



67.9132, 0.2945, 0.3071



67.9132, 0.3146, 0.3115

Sweetspot

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



67.9162, 0.3310, 0.3514



97.8683, 0.3188, 0.3365



58.6342, 0.3291, 0.3222



20.8633, 0.3200, 0.3380



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.



67.9162, 0.3310, 0.3514



92.7679, 0.3349, 0.3560



69.9588, 0.3251, 0.3584



14.7280, 0.3272, 0.3469



25.8146, 0.4667, 0.4676



1.7990, 0.4574, 0.4750

Inverse Universe

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



58.6067, 0.2943, 0.3056



77.5582, 0.2904, 0.3004



56.8116, 0.2994, 0.2989



13.1022, 0.2981, 0.3105



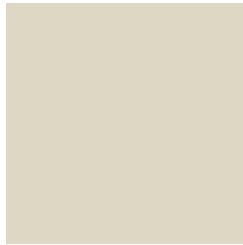
4.5503, 0.1572, 0.0857



0.4265, 0.1657, 0.1166

Previews

White Background



This preview shows how the Yxy color 67.9132, 0.3310, 0.3514 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 67.9132, 0.3310, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

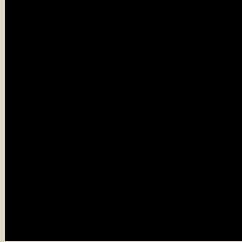
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

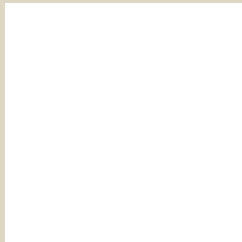
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9132, 0.3310, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 67.9132, 0.3310, 0.3514.

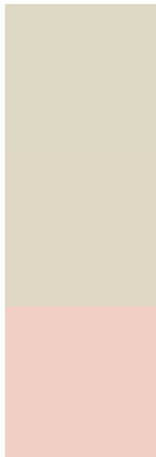


This preview shows how white text looks on a background with the Yxy color 67.9132, 0.3310, 0.3514.

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

67.9132, 0.3310, 0.3514

Protanopia

67.8806, 0.3335, 0.3502

Deuteranopia

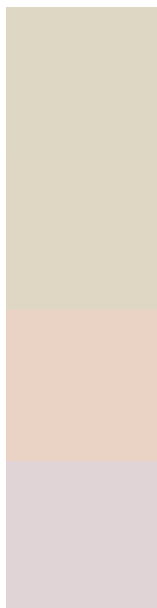
67.5341, 0.3472, 0.3398



Tritanopia

67.6468, 0.3121, 0.3107

Trichromacy



Original Color

67.9132, 0.3310, 0.3514

Protanomaly

67.7212, 0.3327, 0.3502

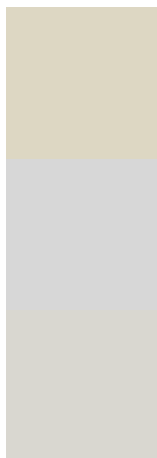
Deuteranomaly

67.5711, 0.3411, 0.3443

Tritanomaly

67.8406, 0.3195, 0.3257

Monochromacy



Original Color

67.9132, 0.3310, 0.3514

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9067, 0.3190, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9132, 0.3310, 0.3514 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(221, 215, 195)` looks like.

```
.text, #text, p{  
    color:rgb(221, 215, 195)  
}
```

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(221, 215, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 215, 195) }
```

Border

The CSS property to change the border of an element to Yxy 67.9132, 0.3310, 0.3514 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(221, 215, 195) }
```

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

```
.border{ border-color:rgb(221, 215, 195) }
```

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

Here you see how a box with a 4 pixel rgb(221, 215, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 215, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 215, 195);  
box-shadow:4px 4px 4px 4px rgb(221, 215,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9132, 0.3310, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 215, 195) }
```

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

```
.background{ background-color: rgb(221,  
215, 195) }
```

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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