

Converting Colors

$Yxy(67.2815, 0.3216, 0.3475)$

Have a look what the booklet for
Yxy(67.2815, 0.3216, 0.3475)
contains.

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Color

Yxy(67.4280, 0.3214, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	D5D8C8
RGB	213, 216, 200
RGB Percent	84%, 85%, 78%
CMY	0.1648, 0.1529, 0.2157
CMYK	0.01, 0.00, 0.07, 0.15
HSL	71°, 17%, 82%
HSV	71°, 7%, 85%
XYZ	62.4175, 67.4280, 64.3596
YIQ	213.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

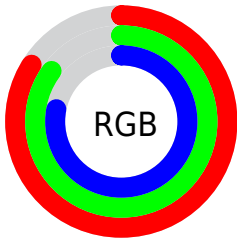
Format	Color
R_{YB}	200, 216, 203
Decimal	14014664
CIE Lab	85.72, -3.84, 7.53
CIE LCh	86, 8.456, 117.038
Yxy	67.4280, 0.3214, 0.3472
Android (android.graphics.Color)	4292204744 (0xFFD5D8C8)
YUV	213.2790, -6.5465, -0.2447
Hunter-Lab	82.1146, -8.0178, 11.0100

Details

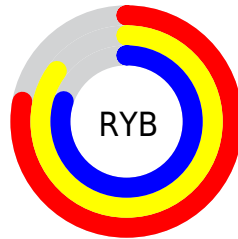
The Yxy color **67.4280, 0.3214, 0.3472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9586, 0.3037, 0.3104**, and the grayscale version is **66.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8342, 0.3233, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **65.8896, 0.3333, 0.3728**, and if you desaturate by 10%, it is **69.1302, 0.3097, 0.3229**.

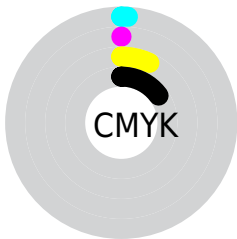
Distribution



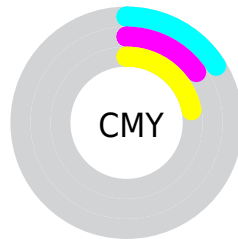
- Red (84%)
- Green (85%)
- Blue (78%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4280, 0.3214, 0.3472 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 67.4280, 0.3214, 0.3472 by changing the saturation by 10% instead.

67.4280, 0.3214,
0.3472

67.4280, 0.3214,
0.3472

451.4667, 0.3174,
0.3386

49.4325, 0.3223,
0.3492

115.5335, 0.3200,
0.3442

34.9627, 0.3235,
0.3517

146.4123, 0.3194,
0.3430

23.6342, 0.3250,
0.3550

182.3543, 0.3190,
0.3420

15.0625, 0.3269,
0.3593

223.7440, 0.3186,
0.3411

8.8632, 0.3295,
0.3653

270.9656, 0.3182,
0.3404

4.6521, 0.3334,
0.3742

324.4037, 0.3179,

2.0446, 0.3394,

0.3397

0.3890

384.4426, 0.3176,
0.3391

0.6332, 0.3895,
0.4855

0.0000, 0.0000,
0.0000

67.4280, 0.3214,
0.3472

67.4280, 0.3214,
0.3472

65.8896, 0.3333,
0.3728

69.1302, 0.3097,
0.3229

64.5002, 0.3451,
0.3992


70.9933, 0.2986,
0.3001


63.2563, 0.3564,
0.4256

72.3787, 0.2940,
0.2886


62.1509, 0.3666,
0.4510


73.0423, 0.2967,
0.2889


 61.1763, 0.3752,
0.4745

 73.7216, 0.2995,
0.2893


 60.3242, 0.3818,
0.4948


 74.4168, 0.3023,
0.2896


 59.5849, 0.3859,
0.5111

 75.1279, 0.3051,
0.2899

 58.9473, 0.3874,
0.5228

 75.8550, 0.3079,
0.2903

 58.3963, 0.3864,
0.5302

 76.5983, 0.3108,
0.2906

Harmonies

Analogous

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



67.4280, 0.3296, 0.3457



67.4280, 0.3214, 0.3472



67.4280, 0.3110, 0.3436

Triad

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



67.4280, 0.3214, 0.3472



67.4280, 0.2926, 0.3177



67.4280, 0.3243, 0.3222

Complementary

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



67.4280, 0.3214, 0.3472



58.9586, 0.3037, 0.3104

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.



67.4280, 0.3142, 0.3150



67.4280, 0.3214, 0.3472



67.4280, 0.2960, 0.3124

Square

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



67.4280, 0.3214, 0.3472



67.4280, 0.2945, 0.3263



67.4280, 0.3039, 0.3114



67.4280, 0.3313, 0.3312

Rectangle

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



67.4280, 0.3214, 0.3472



67.4280, 0.3042, 0.3388



67.4280, 0.3039, 0.3114



67.4280, 0.3211, 0.3195

Sweetspot

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



67.4309, 0.3214, 0.3472



99.4939, 0.3151, 0.3339



61.4462, 0.3250, 0.3324



21.3011, 0.3149, 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.



67.4309, 0.3214, 0.3472



97.7972, 0.3234, 0.3514



66.2744, 0.3155, 0.3475



14.3961, 0.3238, 0.3522



34.5257, 0.3865, 0.5313



2.1137, 0.3925, 0.5265

Inverse Universe

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



58.9586, 0.3037, 0.3104



82.8592, 0.3015, 0.3060



60.1003, 0.3097, 0.3107



12.1203, 0.3010, 0.3051



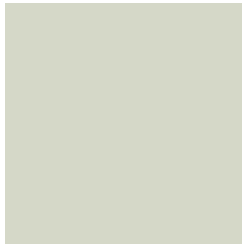
3.2453, 0.1593, 0.0651



0.2298, 0.1752, 0.0739

Previews

White Background



This preview shows how the Yxy color 67.4280, 0.3214, 0.3472 looks on a white background.

Color Contrast Check

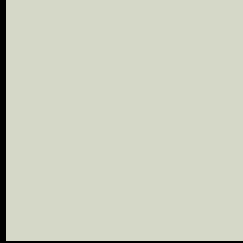
Large Text (above 18pt) WCAG AA × Fail

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 67.4280, 0.3214, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

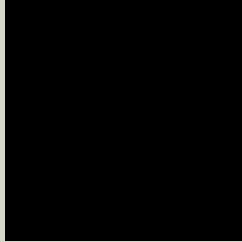
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

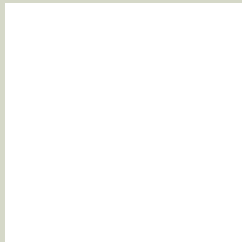
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4280, 0.3214, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 67.4280, 0.3214, 0.3472.



This preview shows how white text looks on a background with the Yxy color 67.4280, 0.3214, 0.3472.

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

67.4280, 0.3214, 0.3472

Protanopia

67.2416, 0.3292, 0.3447

Deuteranopia

67.2406, 0.3411, 0.3344



Tritanopia

67.4958, 0.3049, 0.3104

Trichromacy



Original Color

67.4280, 0.3214, 0.3472

Protanomaly

67.2767, 0.3268, 0.3459

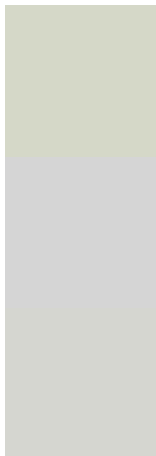
Deuteranomaly

67.1332, 0.3343, 0.3389

Tritanomaly

67.2494, 0.3115, 0.3234

Monochromacy



Original Color

67.4280, 0.3214, 0.3472

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7933, 0.3161, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4280, 0.3214, 0.3472 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, 216, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 200)  
}
```

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, 216, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 200) }
```

Border

The CSS property to change the border of an element to Yxy 67.4280, 0.3214, 0.3472 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, 216, 200) }
```

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

```
.border{ border-color:rgb(213, 216, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4280, 0.3214, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 200) }
```

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

```
.background{ background-color: rgb(213,  
216, 200) }
```

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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