

Converting Colors

$Yxy(68.1883, 0.3213, 0.3413)$

Have a look what the booklet for
Yxy(68.1883, 0.3213, 0.3413)
contains.

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Color

Yxy(68.2712, 0.3209, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	D9D8CD
RGB	217, 216, 205
RGB Percent	85%, 85%, 80%
CMY	0.1491, 0.1529, 0.1960
CMYK	0.00, 0.00, 0.06, 0.15
HSL	55°, 14%, 83%
HSV	55°, 6%, 85%
XYZ	64.1905, 68.2712, 67.5711
YIQ	215.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

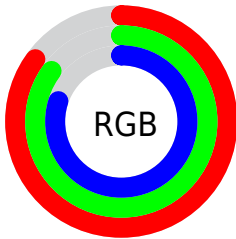
Format	Color
R _Y B	206, 217, 205
Decimal	14276813
CIE Lab	86.14, -1.59, 5.51
CIE LCh	86, 5.737, 106.060
Yxy	68.2712, 0.3209, 0.3413
Android (android.graphics.Color)	4292466893 (0xFFD9D8CD)
YUV	215.0450, -4.9522, 1.7145
Hunter-Lab	82.6264, -5.9237, 9.3517

Details

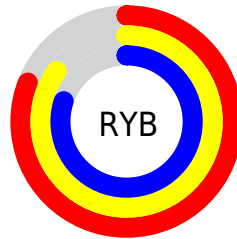
The Yxy color **68.2712, 0.3209, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1417, 0.3044, 0.3164**, and the grayscale version is **68.0209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4055, 0.3226, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **66.3898, 0.3363, 0.3643**, and if you desaturate by 10%, it is **70.3137, 0.3062, 0.3192**.

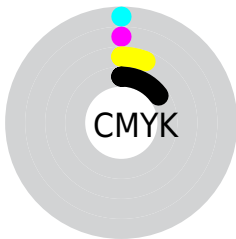
Distribution



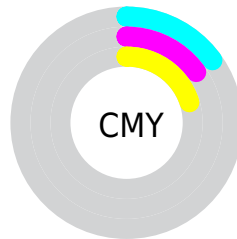
- Red (85%)
- Green (85%)
- Blue (80%)



- Red (81%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2712, 0.3209, 0.3413 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 68.2712, 0.3209, 0.3413 by changing the saturation by 10% instead.

■ 68.2712, 0.3209,
0.3413

■ 68.2712, 0.3209,
0.3413

454.4563, 0.3171,
0.3355

■ 50.1184, 0.3218,
0.3426

116.7400, 0.3196,
0.3393

■ 35.5075, 0.3229,
0.3443

147.8249, 0.3190,
0.3385

■ 24.0541, 0.3243,
0.3465

183.9891, 0.3186,
0.3378

■ 15.3737, 0.3261,
0.3493

225.6173, 0.3182,
0.3372

■ 9.0821, 0.3287,
0.3532

273.0937, 0.3179,
0.3367

■ 4.7948, 0.3324,
0.3591

326.8027, 0.3176,

■ 2.1274, 0.3384,

0.3363

387.1288, 0.3173,
0.3359

0.3686

0.6799, 0.3699,
0.4140

0.0000, 0.0000,
0.0000

68.2712, 0.3209,
0.3413

68.2712, 0.3209,
0.3413

66.3898, 0.3363,
0.3643

70.3137, 0.3062,
0.3192

64.6548, 0.3522,
0.3876

72.5141, 0.2926,
0.2984

63.0626, 0.3682,
0.4106

73.8677, 0.2887,
0.2937

61.6064, 0.3836,
0.4323

74.8153, 0.2888,
0.2956

60.2787, 0.3979,
0.4519

75.7728, 0.2888,
0.2975

59.0713, 0.4105,
0.4682

76.7404, 0.2889,
0.2994

57.9747, 0.4207,
0.4807

77.7181, 0.2890,
0.3013

56.9783, 0.4282,
0.4887

78.7059, 0.2890,
0.3032

56.0686, 0.4330,
0.4923

79.7038, 0.2891,
0.3051

Harmonies

Analogous

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



68.2712, 0.3254, 0.3392



68.2712, 0.3209, 0.3413



68.2712, 0.3142, 0.3401

Triad

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



68.2712, 0.3209, 0.3413



68.2712, 0.2991, 0.3234



68.2712, 0.3182, 0.3224

Complementary

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



68.2712, 0.3209, 0.3413



62.1417, 0.3044, 0.3164

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.



68.2712, 0.3111, 0.3183



68.2712, 0.3209, 0.3413



68.2712, 0.3001, 0.3188

Square

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



68.2712, 0.3209, 0.3413



68.2712, 0.3017, 0.3296



68.2712, 0.3045, 0.3169



68.2712, 0.3239, 0.3283

Rectangle

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



68.2712, 0.3209, 0.3413



68.2712, 0.3094, 0.3375



68.2712, 0.3045, 0.3169



68.2712, 0.3159, 0.3208

Sweetspot

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



68.2742, 0.3209, 0.3413



99.4090, 0.3157, 0.3335



62.8852, 0.3212, 0.3279



21.2838, 0.3155, 0.3332



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.



68.2742, 0.3209, 0.3413



97.9719, 0.3233, 0.3448



68.0267, 0.3171, 0.3425



15.1521, 0.3240, 0.3459



33.7834, 0.4344, 0.4933



2.2438, 0.4317, 0.4955

Inverse Universe

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



62.1417, 0.3044, 0.3164



86.7583, 0.3019, 0.3127



62.3905, 0.3081, 0.3154



13.3018, 0.3012, 0.3115



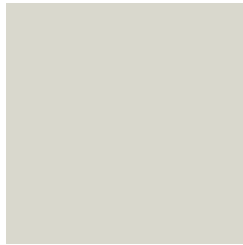
3.3530, 0.1516, 0.0657



0.2783, 0.1560, 0.0816

Previews

White Background



This preview shows how the Yxy color 68.2712, 0.3209, 0.3413 looks on a white background.

Color Contrast Check

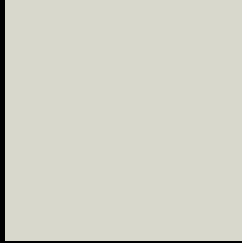
Large Text (above 18pt) WCAG AA × Fail

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 68.2712, 0.3209, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

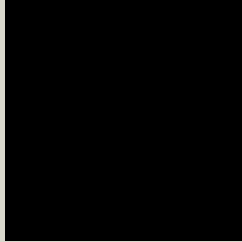
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

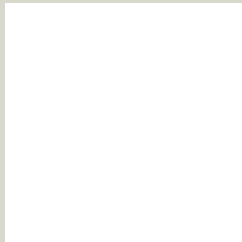
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2712, 0.3209, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 68.2712, 0.3209, 0.3413.

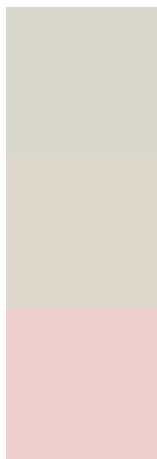


This preview shows how white text looks on a background with the Yxy color 68.2712, 0.3209, 0.3413.

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

68.2712, 0.3209, 0.3413

Protanopia

68.4901, 0.3255, 0.3412

Deuteranopia

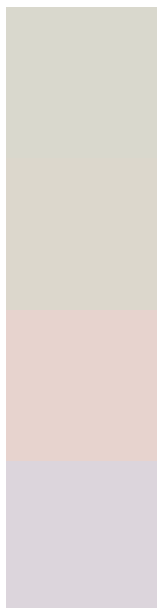
67.9675, 0.3372, 0.3301



Tritanopia

68.1163, 0.3078, 0.3106

Trichromacy



Original Color

68.2712, 0.3209, 0.3413

Protanomaly

68.1762, 0.3240, 0.3413

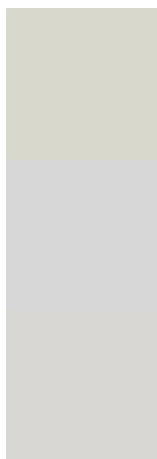
Deuteranomaly

68.0337, 0.3313, 0.3345

Tritanomaly

67.9715, 0.3131, 0.3213

Monochromacy



Original Color

68.2712, 0.3209, 0.3413

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9030, 0.3162, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2712, 0.3209, 0.3413 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(217, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 205)  
}
```

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(217, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.2712, 0.3209, 0.3413 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(217, 216, 205) }
```

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

```
.border{ border-color:rgb(217, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2712, 0.3209, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 205) }
```

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

```
.background{ background-color: rgb(217,  
216, 205) }
```

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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