

Converting Colors

Yxy(68.4981, 0.3225, 0.3413)

Have a look what the booklet for
Yxy(68.4981, 0.3225, 0.3413)
contains.

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Color

Yxy(68.5796, 0.3224, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	DBD8CD
RGB	219, 216, 205
RGB Percent	86%, 85%, 80%
CMY	0.1413, 0.1529, 0.1961
CMYK	0.00, 0.01, 0.06, 0.14
HSL	47°, 16%, 83%
HSV	47°, 6%, 86%
XYZ	64.7819, 68.5796, 67.5749
YIQ	215.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

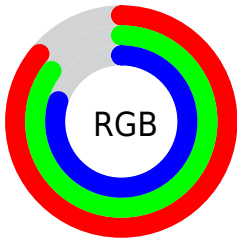
Format	Color
RYB	209, 219, 205
Decimal	14407885
CIELab	86.30, -0.91, 5.77
CIELCh	86, 5.845, 98.917
Yxy	68.5796, 0.3224, 0.3413
Android (android.graphics.Color)	4292597965 (0xFFDBD8CD)
YUV	215.6430, -5.2470, 2.9441
Hunter-Lab	82.8128, -5.2874, 9.5886

Details

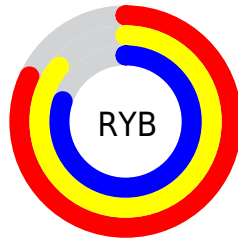
The Yxy color **68.5796, 0.3224, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1800, 0.3030, 0.3164**, and the grayscale version is **68.4466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6166, 0.3246, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **65.2558, 0.3385, 0.3613**, and if you desaturate by 10%, it is **72.1244, 0.3075, 0.3222**.

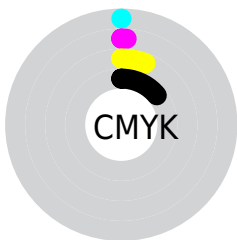
Distribution



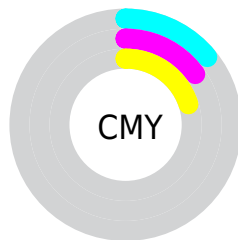
- Red (86%)
- Green (85%)
- Blue (80%)



- Red (82%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5796, 0.3224, 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 68.5796, 0.3224, 0.3413 by changing the saturation by 10% instead.

■ 68.5796, 0.3224,
0.3413

■ 68.5796, 0.3224,
0.3413

455.5468, 0.3179,
0.3355

■ 50.3694, 0.3234,
0.3426

117.1809, 0.3208,
0.3393

■ 35.7070, 0.3247,
0.3443

148.3408, 0.3202,
0.3385

■ 24.2080, 0.3264,
0.3464

184.5861, 0.3197,
0.3378

■ 15.4880, 0.3286,
0.3492

226.3012, 0.3192,
0.3373

■ 9.1626, 0.3316,
0.3531

273.8704, 0.3188,
0.3367

■ 4.8474, 0.3360,
0.3589

327.6781, 0.3185,

■ 2.1580, 0.3432,

0.3363

0.3682

388.1088, 0.3182,
0.3359

0.6969, 0.3783,
0.4118

0.0000, 0.0000,
0.0000

68.5796, 0.3224,
0.3413

68.5796, 0.3224,
0.3413

65.2558, 0.3385,
0.3613

72.1244, 0.3075,
0.3222

62.1373, 0.3557,
0.3817

75.8876, 0.2938,
0.3043

59.2201, 0.3736,
0.4020

78.8262, 0.2903,
0.3029

56.4966, 0.3916,
0.4213

81.4398, 0.2904,
0.3078

■ 53.9586, 0.4092,
0.4387

■ 84.1225, 0.2906,
0.3127

■ 51.5968, 0.4255,
0.4531

■ 86.8748, 0.2908,
0.3175

■ 49.4013, 0.4399,
0.4636

■ 89.6973, 0.2909,
0.3223

■ 47.3600, 0.4515,
0.4696

■ 92.5905, 0.2911,
0.3270

■ 45.4584, 0.4603,
0.4708

■ 93.7961, 0.2911,
0.3289

Harmonies

Analogous

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



68.5796, 0.3263, 0.3384



68.5796, 0.3224, 0.3413



68.5796, 0.3160, 0.3409

Triad

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



68.5796, 0.3224, 0.3413



68.5796, 0.2992, 0.3247



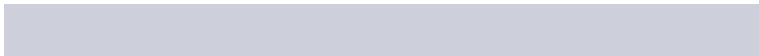
68.5796, 0.3166, 0.3211

Complementary

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



68.5796, 0.3224, 0.3413



63.1800, 0.3030, 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.



68.5796, 0.3094, 0.3175



68.5796, 0.3224, 0.3413



68.5796, 0.2993, 0.3195

Square

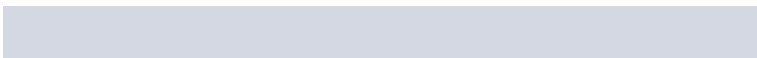
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5796, 0.3224, 0.3413



68.5796, 0.3026, 0.3312



68.5796, 0.3031, 0.3169



68.5796, 0.3229, 0.3268

Rectangle

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



68.5796, 0.3224, 0.3413



68.5796, 0.3111, 0.3387



68.5796, 0.3031, 0.3169



68.5796, 0.3142, 0.3196

Sweetspot

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



68.5826, 0.3224, 0.3413



98.9889, 0.3157, 0.3328



63.2705, 0.3213, 0.3256



21.1984, 0.3156, 0.3327



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.



68.5826, 0.3224, 0.3413



96.0304, 0.3250, 0.3446



69.5061, 0.3192, 0.3447



14.7715, 0.3272, 0.3473



26.7332, 0.4622, 0.4712



1.8514, 0.4539, 0.4778

Inverse Universe

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



63.1800, 0.3030, 0.3164



86.4996, 0.3003, 0.3129



62.3210, 0.3059, 0.3131



13.0617, 0.2981, 0.3100



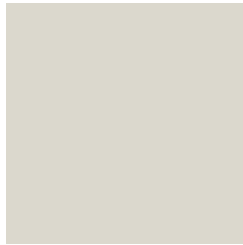
4.3378, 0.1562, 0.0823



0.4074, 0.1646, 0.1124

Previews

White Background



This preview shows how the Yxy color 68.5796, 0.3224, 0.3413 looks on a white background.

Color Contrast Check

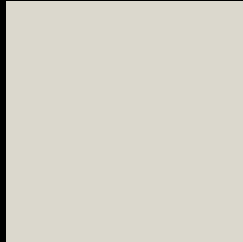
Large Text (above 18pt) WCAG AA × Fail

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 68.5796, 0.3224, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

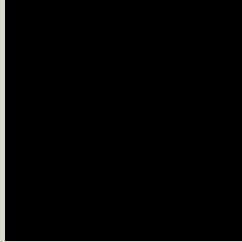
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

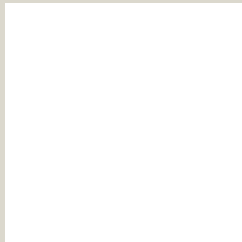
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5796, 0.3224, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 68.5796, 0.3224, 0.3413.

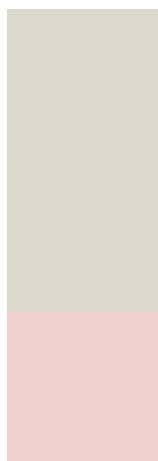


This preview shows how white text looks on a background with the Yxy color 68.5796, 0.3224, 0.3413.

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

68.5796, 0.3224, 0.3413

Protanopia

68.4901, 0.3255, 0.3412

Deuteranopia

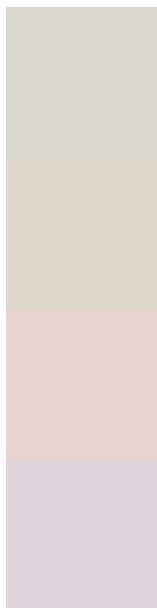
68.5824, 0.3385, 0.3323



Tritanopia

68.4321, 0.3092, 0.3106

Trichromacy



Original Color

68.5796, 0.3224, 0.3413

Protanomaly

68.3327, 0.3247, 0.3413

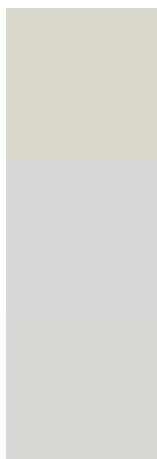
Deuteranomaly

68.6990, 0.3320, 0.3356

Tritanomaly

68.2854, 0.3145, 0.3214

Monochromacy



Original Color

68.5796, 0.3224, 0.3413

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6169, 0.3161, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5796, 0.3224, 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(219, 216, 205) looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 216, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.5796, 0.3224, 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(219, 216, 205) }
```

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

```
.border{ border-color:rgb(219, 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(219, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(219, 216,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5796, 0.3224, 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(219, 216, 205) }
```

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

```
.background{ background-color: rgb(219,  
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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