

Converting Colors

$Yxy(69.3085, 0.3232, 0.3408)$

Have a look what the booklet for
Yxy(69.3085, 0.3232, 0.3408)
contains.

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Color

Yxy(69.4541, 0.3231, 0.3412)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DDD9CE |
| RGB | 221, 217, 206 |
| RGB Percent | 87%, 85%, 81% |
| CMY | 0.1334, 0.1490, 0.1921 |
| CMYK | 0.00, 0.02, 0.07, 0.13 |
| HSL | 44°, 18%, 84% |
| HSV | 44°, 7%, 87% |
| XYZ | 65.7697, 69.4541, 68.3345 |
| YIQ | 216.9420, 5.9150, -2.5730 |

Conversions

Conversions Part 2

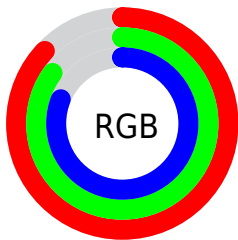
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 211, 221, 206 |
| Decimal | 14539214 |
| CIE Lab | 86.73, -0.55, 5.88 |
| CIE LCh | 87, 5.909, 95.311 |
| Yxy | 69.4541, 0.3231, 0.3412 |
| Android (android.graphics.Color) | 4292729294 (0xFFDDD9CE) |
| YUV | 216.9420, -5.3944, 3.5589 |
| Hunter-Lab | 83.3391, -4.9746, 9.7221 |

Details

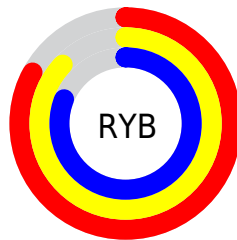
The Yxy color **69.4541, 0.3231, 0.3412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4281, 0.3023, 0.3165**, and the grayscale version is **69.3817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2147, 0.3255, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **65.4851, 0.3396, 0.3599**, and if you desaturate by 10%, it is **73.6878, 0.3080, 0.3234**.

Distribution



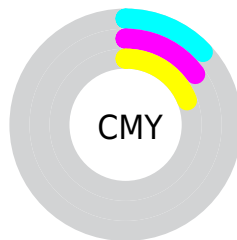
- Red (87%)
- Green (85%)
- Blue (81%)



- Red (83%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4541, 0.3231, 0.3412 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 69.4541, 0.3231, 0.3412 by changing the saturation by 10% instead.

■ 69.4541, 0.3231,
0.3412

■ 69.4541, 0.3231,
0.3412

458.6309, 0.3183,
0.3355

■ 51.0816, 0.3242,
0.3425

118.4299, 0.3214,
0.3392

■ 36.2736, 0.3256,
0.3442

149.8021, 0.3208,
0.3384

■ 24.6456, 0.3274,
0.3462

186.2762, 0.3202,
0.3378

■ 15.8132, 0.3297,
0.3490

228.2368, 0.3197,
0.3372

■ 9.3920, 0.3329,
0.3528

276.0681, 0.3193,
0.3367

■ 4.9978, 0.3376,
0.3584

330.1547, 0.3189,

■ 2.2460, 0.3451,

0.3363

0.3674

390.8808, 0.3186,
0.3359

0.7449, 0.3777,
0.4050

0.0000, 0.0000,
0.0000

69.4541, 0.3231,
0.3412

69.4541, 0.3231,
0.3412

65.4851, 0.3396,
0.3599

73.6878, 0.3080,
0.3234

61.7643, 0.3573,
0.3791

78.1841, 0.2943,
0.3066

58.2869, 0.3760,
0.3982

81.7877, 0.2917,
0.3080

55.0446, 0.3953,
0.4164

85.1970, 0.2919,
0.3141

■ 52.0283, 0.4144,
0.4328

■ 88.7181, 0.2920,
0.3202

■ 49.2282, 0.4326,
0.4463

■ 92.3522, 0.2922,
0.3261

■ 46.6330, 0.4489,
0.4558

■ 94.1103, 0.2923,
0.3289

■ 44.2301, 0.4626,
0.4606

■ 42.0033, 0.4733,
0.4605

Harmonies

Analogous

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



69.4541, 0.3266, 0.3379



69.4541, 0.3231, 0.3412



69.4541, 0.3168, 0.3412

Triad

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



69.4541, 0.3231, 0.3412



69.4541, 0.2993, 0.3254



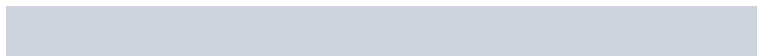
69.4541, 0.3158, 0.3205

Complementary

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



69.4541, 0.3231, 0.3412



64.4281, 0.3023, 0.3165

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.



69.4541, 0.3085, 0.3172



69.4541, 0.3231, 0.3412



69.4541, 0.2990, 0.3199

Square

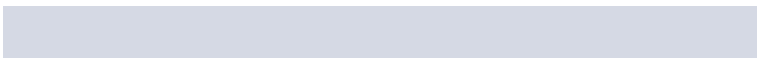
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4541, 0.3231, 0.3412



69.4541, 0.3031, 0.3320



69.4541, 0.3024, 0.3170



69.4541, 0.3224, 0.3260

Rectangle

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



69.4541, 0.3231, 0.3412



69.4541, 0.3120, 0.3393



69.4541, 0.3024, 0.3170



69.4541, 0.3134, 0.3191

Sweetspot

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



69.4571, 0.3231, 0.3412



98.8147, 0.3157, 0.3326



64.1687, 0.3213, 0.3246



21.1629, 0.3156, 0.3324



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.



69.4571, 0.3231, 0.3412



95.3467, 0.3251, 0.3436



70.9905, 0.3202, 0.3457



14.6482, 0.3273, 0.3461



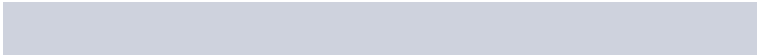
24.1983, 0.4753, 0.4608



1.7060, 0.4641, 0.4697

Inverse Universe

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



64.4281, 0.3023, 0.3165



87.1450, 0.3003, 0.3140



62.9936, 0.3049, 0.3121



13.1769, 0.2981, 0.3113



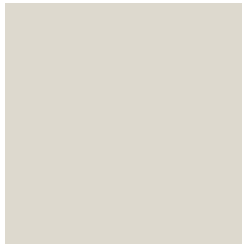
4.9908, 0.1591, 0.0928



0.4641, 0.1680, 0.1247

Previews

White Background



This preview shows how the Yxy color 69.4541, 0.3231, 0.3412 looks on a white background.

Color Contrast Check

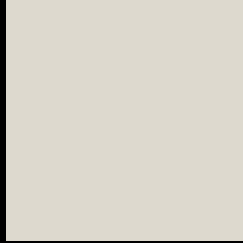
Large Text (above 18pt) WCAG AA × Fail

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 69.4541, 0.3231, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

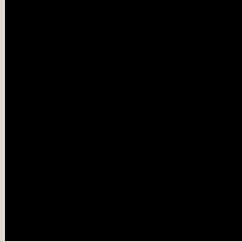
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

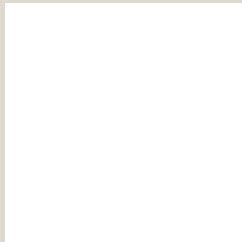
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4541, 0.3231, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 69.4541, 0.3231, 0.3412.

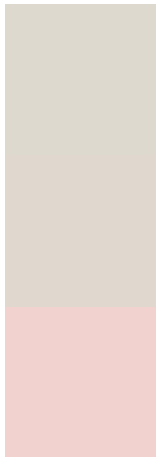


This preview shows how white text looks on a background with the Yxy color 69.4541, 0.3231, 0.3412.

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

69.4541, 0.3231, 0.3412

Protanopia

69.4153, 0.3254, 0.3400

Deuteranopia

69.4754, 0.3392, 0.3323



Tritanopia

69.3092, 0.3099, 0.3108

Trichromacy



Original Color

69.4541, 0.3231, 0.3412

Protanomaly

69.2559, 0.3247, 0.3401

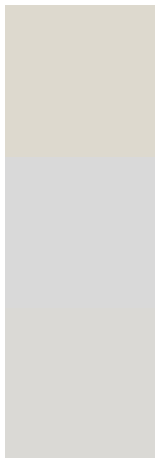
Deuteranomaly

69.5859, 0.3326, 0.3355

Tritanomaly

69.1609, 0.3153, 0.3214

Monochromacy



Original Color

69.4541, 0.3231, 0.3412

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3352, 0.3161, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4541, 0.3231, 0.3412 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, 217, 206) looks like.

```
.text, #text, p{  
    color:rgb(221, 217, 206)  
}
```

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, 217, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 217, 206) }
```

Border

The CSS property to change the border of an element to Yxy 69.4541, 0.3231, 0.3412 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, 217, 206) }
```

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

```
.border{ border-color:rgb(221, 217, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 217, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 217, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 217, 206);  
box-shadow:4px 4px 4px 4px rgb(221, 217,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4541, 0.3231, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 217, 206) }
```

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

```
.background{ background-color: rgb(221,  
217, 206) }
```

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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