

Converting Colors

$Yxy(68.1936, 0.3257, 0.3390)$

Have a look what the booklet for
Yxy(68.1936, 0.3257, 0.3390)
contains.

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Color

Yxy(68.1889, 0.3256, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	DFD6CD
RGB	223, 214, 205
RGB Percent	87%, 84%, 80%
CMY	0.1255, 0.1607, 0.1961
CMYK	0.00, 0.04, 0.08, 0.13
HSL	30°, 22%, 84%
HSV	30°, 8%, 87%
XYZ	65.4935, 68.1889, 67.4648
YIQ	215.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

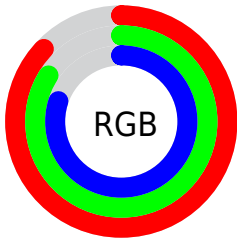
Format	Color
R _Y B	223, 223, 205
Decimal	14669517
CIE Lab	86.10, 1.54, 5.53
CIE LCh	86, 5.741, 74.458
Yxy	68.1889, 0.3256, 0.3390
Android (android.graphics.Color)	4292859597 (0xFFDFD6CD)
YUV	215.6650, -5.2578, 6.4328
Hunter-Lab	82.5766, -2.9362, 9.3639

Details

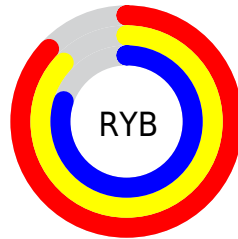
The Yxy color **68.1889, 0.3256, 0.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3848, 0.3003, 0.3188**, and the grayscale version is **68.4622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3555, 0.3289, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **61.7497, 0.3436, 0.3521**, and if you desaturate by 10%, it is **75.1722, 0.3098, 0.3267**.

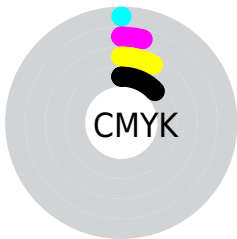
Distribution



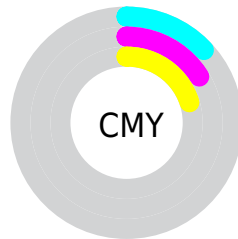
- Red (87%)
- Green (84%)
- Blue (80%)



- Red (87%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1889, 0.3256, 0.3390 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 68.1889, 0.3256, 0.3390 by changing the saturation by 10% instead.

■ 68.1889, 0.3256,
0.3390

■ 68.1889, 0.3256,
0.3390

454.1650, 0.3196,
0.3343

■ 50.0514, 0.3270,
0.3401

116.6223, 0.3235,
0.3374

■ 35.4543, 0.3288,
0.3414

147.6871, 0.3227,
0.3367

■ 24.0130, 0.3310,
0.3431

183.8297, 0.3220,
0.3362

■ 15.3433, 0.3339,
0.3454

225.4347, 0.3214,
0.3357

■ 9.0607, 0.3380,
0.3484

272.8862, 0.3208,
0.3353

■ 4.7808, 0.3441,
0.3530

326.5689, 0.3204,

■ 2.1192, 0.3539,

0.3350

386.8670, 0.3199,
0.3346

0.3602

0.6754, 0.3989,
0.3965

0.0000, 0.0000,
0.0000

68.1889, 0.3256,
0.3390

68.1889, 0.3256,
0.3390

61.7497, 0.3436,
0.3521

75.1722, 0.3098,
0.3267

55.8315, 0.3641,
0.3656

82.7042, 0.2961,
0.3152

50.4227, 0.3870,
0.3791

89.6644, 0.2933,
0.3212

45.5075, 0.4122,
0.3920

94.4257, 0.2935,
0.3289

■ 41.0695, 0.4391,
0.4033

■ 37.0908, 0.4668,
0.4118

■ 33.5521, 0.4937,
0.4161

■ 30.4318, 0.5180,
0.4153

■ 27.7028, 0.5384,
0.4092

Harmonies

Analogous

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



68.1889, 0.3265, 0.3341



68.1889, 0.3256, 0.3390



68.1889, 0.3212, 0.3413

Triad

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



68.1889, 0.3256, 0.3390



68.1889, 0.3019, 0.3300



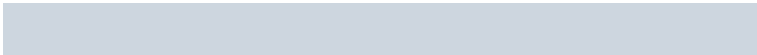
68.1889, 0.3107, 0.3181

Complementary

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



68.1889, 0.3256, 0.3390



66.3848, 0.3003, 0.3188

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.



68.1889, 0.3042, 0.3169



68.1889, 0.3256, 0.3390



68.1889, 0.2991, 0.3237

Square

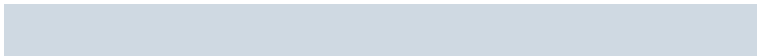
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.1889, 0.3256, 0.3390



68.1889, 0.3075, 0.3361



68.1889, 0.3000, 0.3190



68.1889, 0.3179, 0.3221

Rectangle

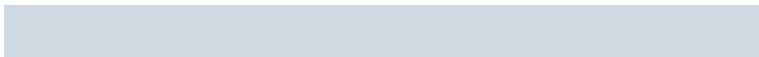
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1889, 0.3256, 0.3390



68.1889, 0.3169, 0.3410



68.1889, 0.3000, 0.3190



68.1889, 0.3084, 0.3174

Sweetspot

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



68.1919, 0.3256, 0.3390



98.0631, 0.3158, 0.3315



64.2016, 0.3200, 0.3191



21.0099, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



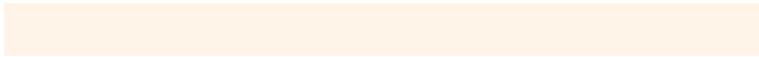
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.1919, 0.3256, 0.3390



90.6145, 0.3290, 0.3416



72.8611, 0.3246, 0.3487



14.8296, 0.3279, 0.3408



16.2304, 0.5399, 0.4095



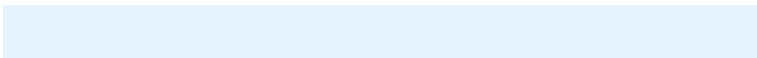
1.3041, 0.5164, 0.4282

Inverse Universe

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



66.3848, 0.3003, 0.3188



87.5974, 0.2971, 0.3161



61.9670, 0.3003, 0.3085



14.3675, 0.2981, 0.3170



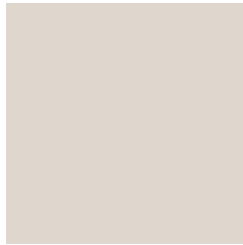
10.0773, 0.1772, 0.1580



0.8776, 0.1850, 0.1860

Previews

White Background



This preview shows how the Yxy color 68.1889, 0.3256, 0.3390 looks on a white background.

Color Contrast Check

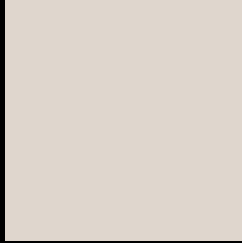
Large Text (above 18pt) WCAG AA × Fail

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 68.1889, 0.3256, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

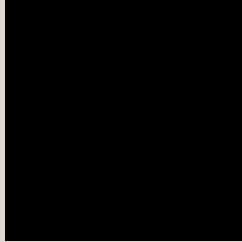
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1889, 0.3256, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 68.1889, 0.3256, 0.3390.

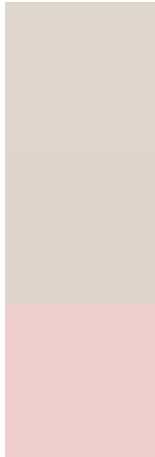


This preview shows how white text looks on a background with the Yxy color 68.1889, 0.3256, 0.3390.

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

68.1889, 0.3256, 0.3390

Protanopia

68.0305, 0.3249, 0.3390

Deuteranopia

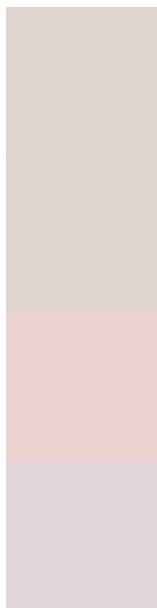
68.0932, 0.3387, 0.3312



Tritanopia

68.3033, 0.3128, 0.3118

Trichromacy



Original Color

68.1889, 0.3256, 0.3390

Protanomaly

68.0305, 0.3249, 0.3390

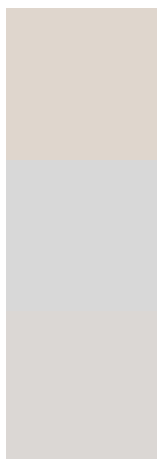
Deuteranomaly

68.0418, 0.3338, 0.3334

Tritanomaly

68.2090, 0.3175, 0.3214

Monochromacy



Original Color

68.1889, 0.3256, 0.3390

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4144, 0.3177, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1889, 0.3256, 0.3390 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(223, 214, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 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(223, 214, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.1889, 0.3256, 0.3390 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(223, 214, 205) }
```

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

```
.border{ border-color:rgb(223, 214, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 214, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1889, 0.3256, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 205) }
```

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

```
.background{ background-color: rgb(223,  
214, 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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