

Converting Colors

$Yxy(68.7284, 0.3292, 0.3390)$

Have a look what the booklet for
Yxy(68.7284, 0.3292, 0.3390)
contains.

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Color

Yxy(68.8318, 0.3286, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6CD
RGB	227, 214, 205
RGB Percent	89%, 84%, 80%
CMY	0.1099, 0.1607, 0.1960
CMYK	0.00, 0.06, 0.10, 0.11
HSL	25°, 28%, 85%
HSV	25°, 10%, 89%
XYZ	66.7398, 68.8318, 67.5319
YIQ	216.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

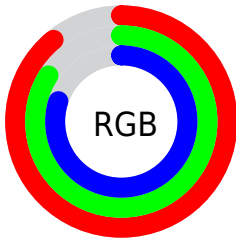
Format	Color
R _Y B	227, 220, 205
Decimal	14931661
CIE Lab	86.42, 2.94, 6.03
CIE LCh	86, 6.707, 63.969
Yxy	68.8318, 0.3286, 0.3389
Android (android.graphics.Color)	4293121741 (0xFFE3D6CD)
YUV	216.8610, -5.8475, 8.8919
Hunter-Lab	82.9649, -1.5971, 9.8145

Details

The Yxy color **68.8318, 0.3286, 0.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6557, 0.2978, 0.3189**, and the grayscale version is **69.3234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8013, 0.3329, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **61.3119, 0.3476, 0.3497**, and if you desaturate by 10%, it is **77.0745, 0.3122, 0.3287**.

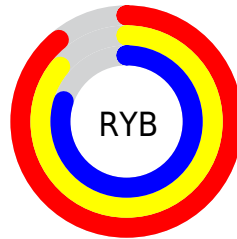
Distribution



Red (89%)

Green (84%)

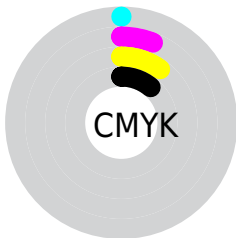
Blue (80%)



Red (89%)

Yellow (86%)

Blue (80%)

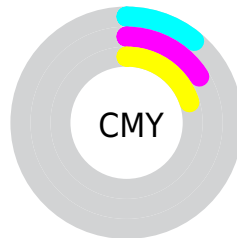


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8318, 0.3286, 0.3389 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 68.8318, 0.3286, 0.3389 by changing the saturation by 10% instead.

68.8318, 0.3286,
0.3389

68.8318, 0.3286,
0.3389

456.4375, 0.3212,
0.3343

50.5747, 0.3303,
0.3400

117.5413, 0.3260,
0.3373

35.8703, 0.3325,
0.3413

148.7625, 0.3250,
0.3367

24.3340, 0.3352,
0.3429

185.0739, 0.3241,
0.3362

15.5816, 0.3389,
0.3451

226.8599, 0.3234,
0.3357

9.2286, 0.3439,
0.3480

274.5049, 0.3227,
0.3353

4.8906, 0.3513,
0.3523

328.3932, 0.3221,

2.1832, 0.3633,

0.3349

388.9093, 0.3216,
0.3346

0.3591

0.7108, 0.4128,
0.3925

0.0000, 0.0000,
0.0000

68.8318, 0.3286,
0.3389

68.8318, 0.3286,
0.3389

61.3119, 0.3476,
0.3497

77.0745, 0.3122,
0.3287

54.4855, 0.3697,
0.3610

86.0502, 0.2982,
0.3192

48.3346, 0.3948,
0.3721

94.5590, 0.2958,
0.3282

42.8367, 0.4231,
0.3826

95.0671, 0.2958,
0.3290

■ 37.9682, 0.4538,
0.3914

■ 33.7036, 0.4857,
0.3972

■ 30.0153, 0.5170,
0.3988

■ 26.8728, 0.5451,
0.3951

■ 24.2355, 0.5684,
0.3866

Harmonies

Analogous

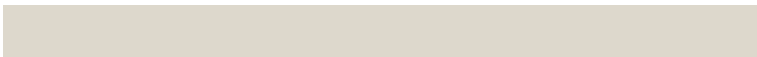
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.8318, 0.3281, 0.3325



68.8318, 0.3286, 0.3389



68.8318, 0.3248, 0.3428

Triad

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



68.8318, 0.3286, 0.3389



68.8318, 0.3021, 0.3327



68.8318, 0.3075, 0.3155

Complementary

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



68.8318, 0.3286, 0.3389



68.6557, 0.2978, 0.3189

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.



68.8318, 0.3007, 0.3154



68.8318, 0.3286, 0.3389



68.8318, 0.2976, 0.3252

Square

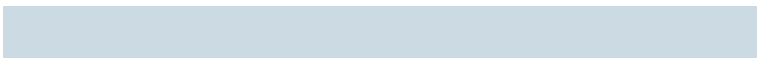
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8318, 0.3286, 0.3389



68.8318, 0.3095, 0.3393



68.8318, 0.2971, 0.3189



68.8318, 0.3159, 0.3191

Rectangle

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



68.8318, 0.3286, 0.3389



68.8318, 0.3204, 0.3434



68.8318, 0.2971, 0.3189



68.8318, 0.3050, 0.3150

Sweetspot

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



68.8348, 0.3286, 0.3389



96.6700, 0.3174, 0.3320



65.0670, 0.3201, 0.3147



20.5040, 0.3187, 0.3328



0.0000, 0.0000, 0.0000



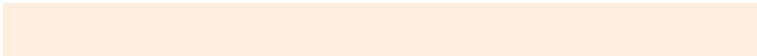
21.4041, 0.3127, 0.3290

Same Dimension

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



68.8348, 0.3286, 0.3389



87.1968, 0.3329, 0.3415



74.4672, 0.3273, 0.3504



15.3330, 0.3282, 0.3387



14.3086, 0.5665, 0.3884



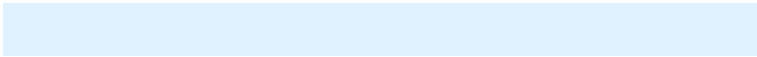
1.2364, 0.5401, 0.4093

Inverse Universe

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



68.6557, 0.2978, 0.3189



86.9101, 0.2940, 0.3162



63.2518, 0.2977, 0.3066



15.2941, 0.2981, 0.3191



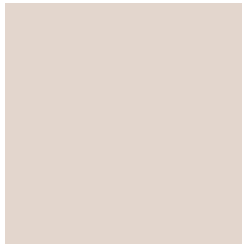
13.4098, 0.1859, 0.1892



1.1727, 0.1922, 0.2117

Previews

White Background



This preview shows how the Yxy color 68.8318, 0.3286, 0.3389 looks on a white background.

Color Contrast Check

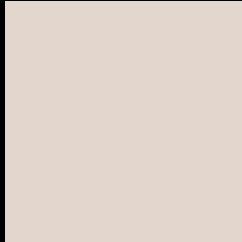
Large Text (above 18pt) WCAG AA × Fail

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 68.8318, 0.3286, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

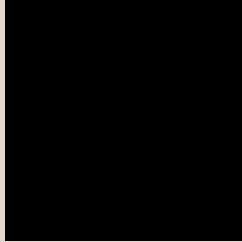
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8318, 0.3286, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 68.8318, 0.3286, 0.3389.

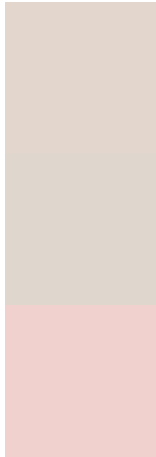


This preview shows how white text looks on a background with the Yxy color 68.8318, 0.3286, 0.3389.

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

68.8318, 0.3286, 0.3389

Protanopia

68.7451, 0.3248, 0.3390

Deuteranopia

68.7579, 0.3393, 0.3323



Tritanopia

68.9576, 0.3157, 0.3119

Trichromacy



Original Color

68.8318, 0.3286, 0.3389

Protanomaly

68.9044, 0.3256, 0.3389

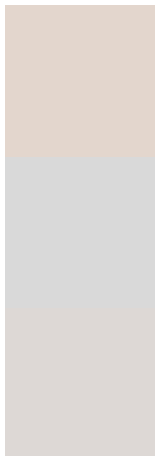
Deuteranomaly

68.8776, 0.3352, 0.3344

Tritanomaly

68.8595, 0.3205, 0.3215

Monochromacy



Original Color

68.8318, 0.3286, 0.3389

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2880, 0.3184, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8318, 0.3286, 0.3389 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(227, 214, 205)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 214, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.8318, 0.3286, 0.3389 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(227, 214, 205) }
```

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

```
.border{ border-color:rgb(227, 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(227, 214, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 205);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8318, 0.3286, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 205) }
```

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

```
.background{ background-color: rgb(227,  
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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