

Converting Colors

Yxy(69.1584, 0.3184, 0.3353)

Have a look what the booklet for
Yxy(69.1584, 0.3184, 0.3353)
contains.

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Color

Yxy(69.3889, 0.3182, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	DBD9D3
RGB	219, 217, 211
RGB Percent	86%, 85%, 83%
CMY	0.1413, 0.1489, 0.1726
CMYK	0.00, 0.01, 0.04, 0.14
HSL	45°, 10%, 84%
HSV	45°, 4%, 86%
XYZ	65.7717, 69.3889, 71.5386
YIQ	216.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

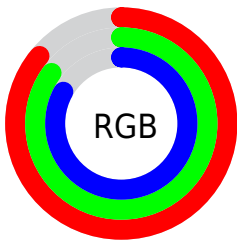
Format	Color
RYB	214, 219, 211
Decimal	14408147
CIELab	86.70, -0.40, 3.19
CIELCh	87, 3.218, 97.211
Yxy	69.3889, 0.3182, 0.3357
Android (android.graphics.Color)	4292598227 (0xFFD9D3)
YUV	216.9140, -2.9156, 1.8294
Hunter-Lab	83.3000, -4.8357, 7.3914

Details

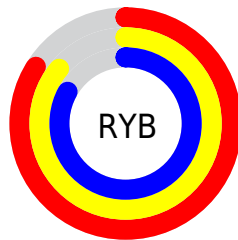
The Yxy color **69.3889, 0.3182, 0.3357** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5020, 0.3072, 0.3222**, and the grayscale version is **69.3417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1675, 0.3191, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **65.6733, 0.3341, 0.3547**, and if you desaturate by 10%, it is **73.3482, 0.3036, 0.3177**.

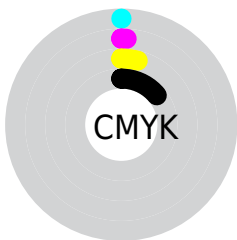
Distribution



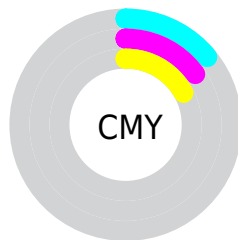
- Red (86%)
- Green (85%)
- Blue (83%)



- Red (84%)
- Yellow (86%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3889, 0.3182, 0.3357 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 69.3889, 0.3182, 0.3357 by changing the saturation by 10% instead.

■ 69.3889, 0.3182,
0.3357

■ 69.3889, 0.3182,
0.3357

458.4014, 0.3156,
0.3326

■ 51.0285, 0.3188,
0.3364

118.3369, 0.3173,
0.3346

■ 36.2313, 0.3195,
0.3373

149.6932, 0.3170,
0.3342

■ 24.6129, 0.3205,
0.3385

186.1504, 0.3167,
0.3338

■ 15.7889, 0.3217,
0.3400

228.0927, 0.3164,
0.3335

■ 9.3749, 0.3234,
0.3421

275.9045, 0.3162,
0.3332

■ 4.9865, 0.3259,
0.3451

329.9703, 0.3160,

■ 2.2393, 0.3299,

0.3330

390.6745, 0.3158,
0.3328

0.3501

0.7413, 0.3439,
0.3670

0.0000, 0.0000,
0.0000

69.3889, 0.3182,
0.3357

69.3889, 0.3182,
0.3357

65.6733, 0.3341,
0.3547

73.3482, 0.3036,
0.3177

62.1855, 0.3513,
0.3743

77.5488, 0.2903,
0.3008

58.9213, 0.3694,
0.3940

80.5247, 0.2904,
0.3061

55.8731, 0.3881,
0.4131

83.5763, 0.2906,
0.3117

■ 53.0324, 0.4067,
0.4306

■ 86.7191, 0.2907,
0.3172

■ 50.3902, 0.4245,
0.4455

■ 89.9540, 0.2909,
0.3227

■ 47.9362, 0.4406,
0.4567

■ 93.2816, 0.2911,
0.3281

■ 45.6588, 0.4543,
0.4634

■ 93.7933, 0.2911,
0.3289

■ 43.5443, 0.4650,
0.4653

Harmonies

Analogous

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



69.3889, 0.3202, 0.3341



69.3889, 0.3182, 0.3357



69.3889, 0.3147, 0.3355

Triad

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



69.3889, 0.3182, 0.3357



69.3889, 0.3053, 0.3269



69.3889, 0.3147, 0.3245

Complementary

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



69.3889, 0.3182, 0.3357



66.5020, 0.3072, 0.3222

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.



69.3889, 0.3107, 0.3226



69.3889, 0.3182, 0.3357



69.3889, 0.3053, 0.3239

Square

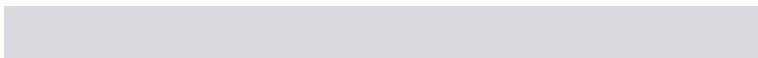
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



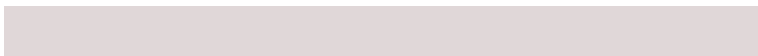
69.3889, 0.3182, 0.3357



69.3889, 0.3073, 0.3304



69.3889, 0.3073, 0.3224



69.3889, 0.3182, 0.3276

Rectangle

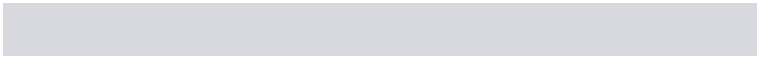
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3889, 0.3182, 0.3357



69.3889, 0.3121, 0.3344



69.3889, 0.3073, 0.3224



69.3889, 0.3133, 0.3237

Sweetspot

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



69.3919, 0.3182, 0.3357



99.4429, 0.3142, 0.3308



66.4330, 0.3173, 0.3268



21.2908, 0.3141, 0.3308



0.0000, 0.0000, 0.0000



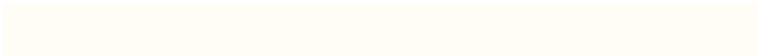
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3919, 0.3182, 0.3357



97.7920, 0.3188, 0.3364



70.0882, 0.3166, 0.3379



15.0883, 0.3198, 0.3377



25.2546, 0.4696, 0.4653



1.7669, 0.4597, 0.4732

Inverse Universe

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



66.5020, 0.3072, 0.3222



93.2858, 0.3066, 0.3215



65.8311, 0.3087, 0.3201



14.2760, 0.3056, 0.3201



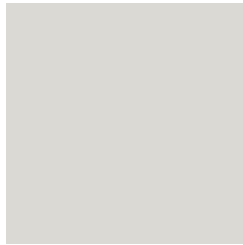
4.6927, 0.1578, 0.0880



0.4389, 0.1665, 0.1193

Previews

White Background



This preview shows how the Yxy color 69.3889, 0.3182, 0.3357 looks on a white background.

Color Contrast Check

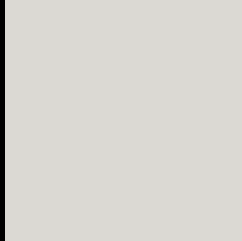
Large Text (above 18pt) WCAG AA × Fail

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 69.3889, 0.3182, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

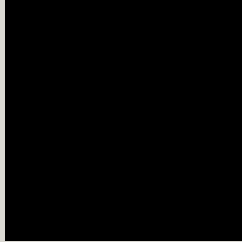
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

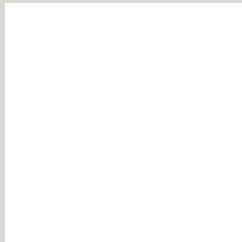
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3889, 0.3182, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 69.3889, 0.3182, 0.3357.

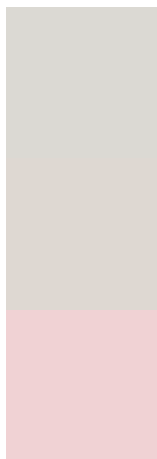


This preview shows how white text looks on a background with the Yxy color 69.3889, 0.3182, 0.3357.

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

69.3889, 0.3182, 0.3357

Protanopia

69.2945, 0.3212, 0.3356

Deuteranopia

69.3719, 0.3340, 0.3269



Tritanopia

69.3923, 0.3071, 0.3107

Trichromacy



Original Color

69.3889, 0.3182, 0.3357

Protanomaly

69.1370, 0.3205, 0.3356

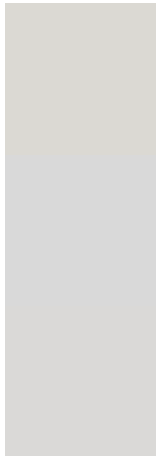
Deuteranomaly

69.4978, 0.3276, 0.3301

Tritanomaly

69.3548, 0.3110, 0.3192

Monochromacy



Original Color

69.3889, 0.3182, 0.3357

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4374, 0.3148, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3889, 0.3182, 0.3357 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, 217, 211)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 211)  
}
```

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, 217, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 211) }
```

Border

The CSS property to change the border of an element to Yxy 69.3889, 0.3182, 0.3357 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, 217, 211) }
```

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

```
.border{ border-color:rgb(219, 217, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3889, 0.3182, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 211) }
```

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

```
.background{ background-color: rgb(219,  
217, 211) }
```

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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