

Converting Colors

Yxy(69.6170, 0.3163, 0.3344)

Have a look what the booklet for
Yxy(69.6170, 0.3163, 0.3344)
contains.

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Color

Yxy(69.8523, 0.3161, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	DADAD5
RGB	218, 218, 213
RGB Percent	85%, 85%, 84%
CMY	0.1449, 0.1452, 0.1646
CMYK	0.00, 0.00, 0.02, 0.14
HSL	59°, 6%, 85%
HSV	59°, 2%, 86%
XYZ	66.0099, 69.8523, 72.9638
YIQ	217.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

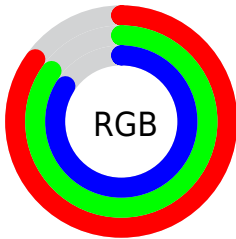
Format	Color
R _Y B	213, 218, 213
Decimal	14342869
CIE Lab	86.92, -0.85, 2.44
CIE LCh	87, 2.584, 109.293
Yxy	69.8523, 0.3161, 0.3345
Android (android.graphics.Color)	4292532949 (0xFFDADAD5)
YUV	217.4300, -2.1840, 0.4999
Hunter-Lab	83.5777, -5.2811, 6.7439

Details

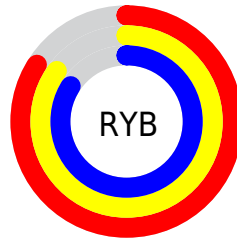
The Yxy color **69.8523, 0.3161, 0.3345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8481, 0.3093, 0.3234**, and the grayscale version is **69.7206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4495, 0.3171, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **68.6514, 0.3311, 0.3588**, and if you desaturate by 10%, it is **71.2085, 0.3018, 0.3112**.

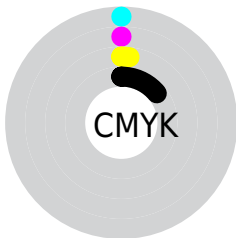
Distribution



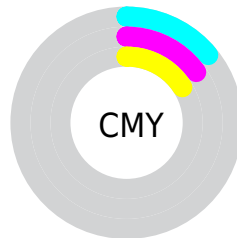
- Red (85%)
- Green (85%)
- Blue (84%)



- Red (84%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8523, 0.3161, 0.3345 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 69.8523, 0.3161, 0.3345 by changing the saturation by 10% instead.

■ 69.8523, 0.3161,
0.3345

■ 69.8523, 0.3161,
0.3345

460.0312, 0.3145,
0.3319

■ 51.4061, 0.3165,
0.3351

118.9981, 0.3156,
0.3336

■ 36.5319, 0.3169,
0.3358

150.4665, 0.3153,
0.3333

■ 24.8453, 0.3175,
0.3368

187.0445, 0.3152,
0.3330

■ 15.9618, 0.3182,
0.3380

229.1164, 0.3150,
0.3327

■ 9.4971, 0.3193,
0.3397

277.0666, 0.3149,
0.3325

■ 5.0668, 0.3208,
0.3422

331.2796, 0.3147,

■ 2.2865, 0.3232,

0.3323

0.3463

392.1396, 0.3146,
0.3321

0.7666, 0.3310,
0.3585

0.0000, 0.0000,
0.0000

69.8523, 0.3161,
0.3345

69.8523, 0.3161,
0.3345

68.6514, 0.3311,
0.3588

71.2085, 0.3018,
0.3112

67.5908, 0.3464,
0.3836

72.6112, 0.2893,
0.2909

66.6672, 0.3616,
0.4082

72.7820, 0.2893,
0.2912

65.8740, 0.3761,
0.4316

72.9532, 0.2893,
0.2916

65.2037, 0.3894,
0.4528

73.1248, 0.2893,
0.2919

64.6482, 0.4008,
0.4710

73.2967, 0.2893,
0.2923

64.1987, 0.4100,
0.4853

73.4689, 0.2893,
0.2926

63.8446, 0.4165,
0.4953

73.6414, 0.2894,
0.2930

63.5735, 0.4204,
0.5010

73.8143, 0.2894,
0.2933

Harmonies

Analogous

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



69.8523, 0.3182, 0.3337



69.8523, 0.3161, 0.3345



69.8523, 0.3131, 0.3338

Triad

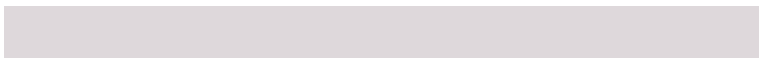
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8523, 0.3161, 0.3345



69.8523, 0.3066, 0.3263



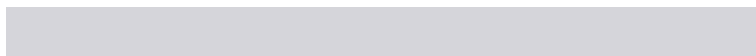
69.8523, 0.3155, 0.3263

Complementary

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



69.8523, 0.3161, 0.3345



66.8481, 0.3093, 0.3234

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.



69.8523, 0.3124, 0.3243



69.8523, 0.3161, 0.3345



69.8523, 0.3072, 0.3243

Square

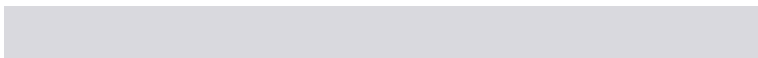
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8523, 0.3161, 0.3345



69.8523, 0.3076, 0.3290



69.8523, 0.3093, 0.3236



69.8523, 0.3179, 0.3290

Rectangle

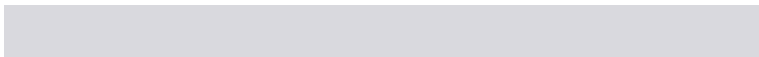
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8523, 0.3161, 0.3345



69.8523, 0.3109, 0.3325



69.8523, 0.3093, 0.3236



69.8523, 0.3145, 0.3255

Sweetspot

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



69.8553, 0.3161, 0.3345



99.8124, 0.3142, 0.3314



67.3204, 0.3164, 0.3289



21.3659, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



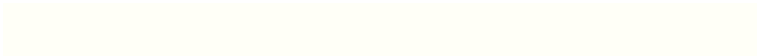
21.4041, 0.3127, 0.3290

Same Dimension

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



69.8553, 0.3161, 0.3345



99.4437, 0.3171, 0.3362



69.5213, 0.3143, 0.3346



15.3803, 0.3183, 0.3380



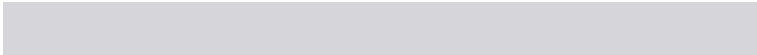
37.9776, 0.4219, 0.5032



2.4714, 0.4215, 0.5035

Inverse Universe

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



66.8481, 0.3093, 0.3234



93.8642, 0.3082, 0.3217



67.1775, 0.3111, 0.3234



14.3079, 0.3071, 0.3198



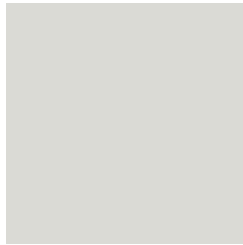
3.0892, 0.1503, 0.0610



0.2114, 0.1512, 0.0641

Previews

White Background



This preview shows how the Yxy color 69.8523, 0.3161, 0.3345 looks on a white background.

Color Contrast Check

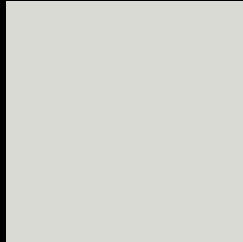
Large Text (above 18pt) WCAG AA × Fail

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 69.8523, 0.3161, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

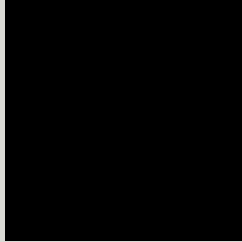
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

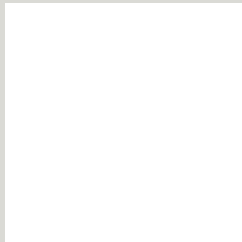
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8523, 0.3161, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 69.8523, 0.3161, 0.3345.

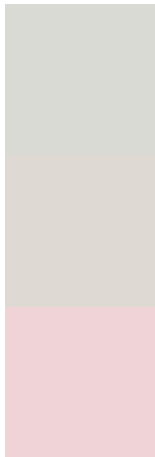


This preview shows how white text looks on a background with the Yxy color 69.8523, 0.3161, 0.3345.

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

69.8523, 0.3161, 0.3345

Protanopia

70.0671, 0.3205, 0.3345

Deuteranopia

69.9688, 0.3324, 0.3259



Tritanopia

69.7992, 0.3057, 0.3107

Trichromacy



Original Color

69.8523, 0.3161, 0.3345

Protanomaly

69.7513, 0.3190, 0.3345

Deuteranomaly

70.1040, 0.3260, 0.3290

Tritanomaly

69.7636, 0.3096, 0.3192

Monochromacy



Original Color

69.8523, 0.3161, 0.3345

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3353, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8523, 0.3161, 0.3345 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(218, 218, 213)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 213)  
}
```

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(218, 218, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 213) }
```

Border

The CSS property to change the border of an element to Yxy 69.8523, 0.3161, 0.3345 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(218, 218, 213) }
```

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

```
.border{ border-color:rgb(218, 218, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8523, 0.3161, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 213) }
```

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

```
.background{ background-color: rgb(218,  
218, 213) }
```

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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