

Converting Colors

Yxy(68.9333, 0.3356, 0.3631)

Have a look what the booklet for
Yxy(68.9333, 0.3356, 0.3631)
contains.

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Color

Yxy(69.1028, 0.3362, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	DDDABB
RGB	221, 218, 187
RGB Percent	87%, 85%, 73%
CMY	0.1333, 0.1451, 0.2667
CMYK	0.00, 0.01, 0.15, 0.13
HSL	55°, 33%, 80%
HSV	55°, 15%, 87%
XYZ	63.8603, 69.1028, 56.9842
YIQ	215.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

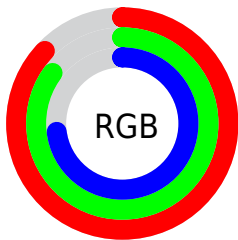
Format	Color
RYB	190, 221, 187
Decimal	14539451
CIELab	86.55, -4.12, 15.64
CIELCh	87, 16.179, 104.757
Yxy	69.1028, 0.3362, 0.3638
Android (android.graphics.Color)	4292729531 (0xFFDDDABB)
YUV	215.3630, -13.9830, 4.9436
Hunter-Lab	83.1281, -8.3478, 17.5465

Details

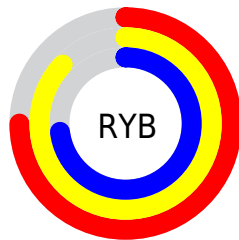
The Yxy color **69.1028, 0.3362, 0.3638** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.6111, 0.2880, 0.2916**, and the grayscale version is **68.3064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **36.0226, 0.3418, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **67.2259, 0.3522, 0.3870**, and if you desaturate by 10%, it is **71.1433, 0.3207, 0.3410**.

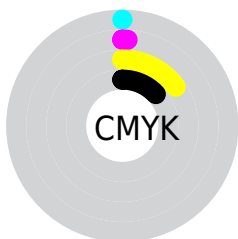
Distribution



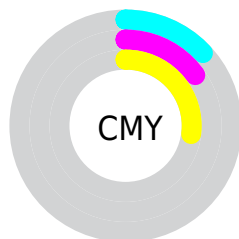
- Red (87%)
- Green (85%)
- Blue (73%)



- Red (75%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1028, 0.3362, 0.3638 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 69.1028, 0.3362, 0.3638 by changing the saturation by 10% instead.


 69.1028, 0.3362,
0.3638

 69.1028, 0.3362,
0.3638


457.3935, 0.3253,
0.3474

 50.7954, 0.3387,
0.3676


 117.9284, 0.3324,
0.3581

 36.0458, 0.3418,
0.3724


149.2154, 0.3310,
0.3558

 24.4696, 0.3456,
0.3784


185.5978, 0.3297,
0.3539

 15.6823, 0.3507,
0.3864

227.4599, 0.3286,
0.3523

 9.2996, 0.3575,
0.3974

275.1861, 0.3276,
0.3508

 4.9371, 0.3672,
0.4135

329.1608, 0.3268,

 2.2104, 0.3817,

0.3496

389.7685, 0.3260,
0.3484

0.4392

0.7257, 0.4481,
0.5519

0.0000, 0.0000,
0.0000

69.1028, 0.3362,
0.3638

69.1028, 0.3362,
0.3638

67.2259, 0.3522,
0.3870

71.1433, 0.3207,
0.3410

65.4969, 0.3682,
0.4099

73.3446, 0.3061,
0.3190

63.9115, 0.3838,
0.4316

75.7156, 0.2924,
0.2983

62.4620, 0.3983,
0.4511

76.8775, 0.2914,
0.2987

61.1397, 0.4110,
0.4674

77.9424, 0.2915,
0.3008

59.9348, 0.4214,
0.4798

79.0194, 0.2916,
0.3028

58.8361, 0.4292,
0.4878

80.1085, 0.2916,
0.3049

57.8296, 0.4342,
0.4914

81.2098, 0.2917,
0.3069

57.3854, 0.4359,
0.4921

82.3232, 0.2917,
0.3090

Harmonies

Analogous

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



69.1028, 0.3489, 0.3567



69.1028, 0.3362, 0.3638



69.1028, 0.3174, 0.3611

Triad

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



69.1028, 0.3362, 0.3638



69.1028, 0.2752, 0.3133



69.1028, 0.3272, 0.3102

Complementary

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



69.1028, 0.3362, 0.3638



52.6111, 0.2880, 0.2916

Split Complementary

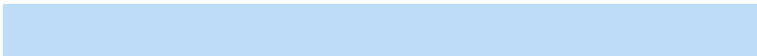
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1028, 0.3071, 0.2993



69.1028, 0.3362, 0.3638



69.1028, 0.2775, 0.3006

Square

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



69.1028, 0.3362, 0.3638



69.1028, 0.2825, 0.3311



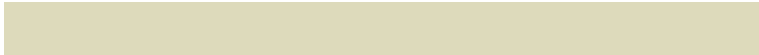
69.1028, 0.2890, 0.2957



69.1028, 0.3437, 0.3258

Rectangle

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



69.1028, 0.3362, 0.3638



69.1028, 0.3041, 0.3539



69.1028, 0.2890, 0.2957



69.1028, 0.3206, 0.3059

Sweetspot

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



69.1059, 0.3362, 0.3638



98.4905, 0.3202, 0.3402



54.6479, 0.3387, 0.3252



21.0366, 0.3213, 0.3418



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.



69.1059, 0.3362, 0.3638



94.8327, 0.3406, 0.3702



68.6261, 0.3256, 0.3682



15.0572, 0.3269, 0.3501



33.4201, 0.4356, 0.4923



2.2240, 0.4326, 0.4947

Inverse Universe

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



52.6111, 0.2880, 0.2916



68.4530, 0.2831, 0.2842



53.1228, 0.2983, 0.2892



12.8009, 0.2981, 0.3070



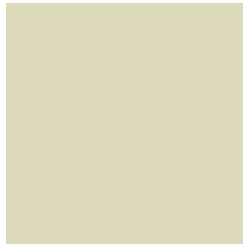
3.3826, 0.1517, 0.0662



0.2843, 0.1564, 0.0831

Previews

White Background



This preview shows how the Yxy color 69.1028, 0.3362, 0.3638 looks on a white background.

Color Contrast Check

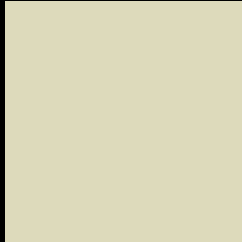
Large Text (above 18pt) WCAG AA × Fail

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 69.1028, 0.3362, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

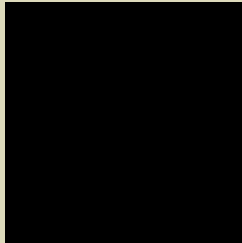
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

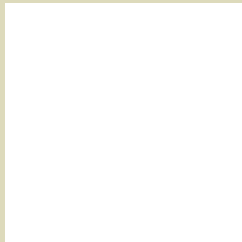
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1028, 0.3362, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 69.1028, 0.3362, 0.3638.



This preview shows how white text looks on a background with the Yxy color 69.1028, 0.3362, 0.3638.

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

69.1028, 0.3362, 0.3638

Protanopia

68.9878, 0.3419, 0.3623

Deuteranopia

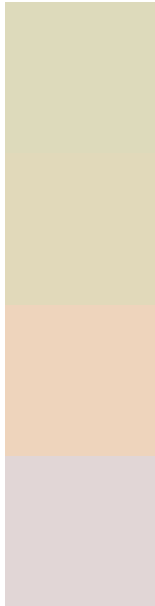
69.0492, 0.3568, 0.3502



Tritanopia

69.0750, 0.3121, 0.3108

Trichromacy



Original Color

69.1028, 0.3362, 0.3638

Protanomaly

69.1784, 0.3401, 0.3635

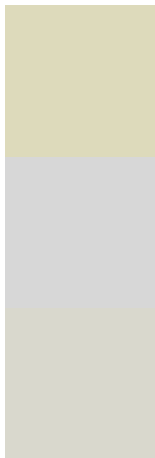
Deuteranomaly

68.8950, 0.3498, 0.3550

Tritanomaly

68.9557, 0.3208, 0.3290

Monochromacy



Original Color

69.1028, 0.3362, 0.3638

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.2712, 0.3209, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1028, 0.3362, 0.3638 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, 218, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 218, 187)  
}
```

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, 218, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 218, 187) }
```

Border

The CSS property to change the border of an element to Yxy 69.1028, 0.3362, 0.3638 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, 218, 187) }
```

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

```
.border{ border-color:rgb(221, 218, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 218, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 218, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 218, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 218,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1028, 0.3362, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 218, 187) }
```

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

```
.background{ background-color: rgb(221,  
218, 187) }
```

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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