

Converting Colors

$Yxy(71.0063, 0.3220, 0.3356)$

Have a look what the booklet for
Yxy(71.0063, 0.3220, 0.3356)
contains.

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Color

Yxy(70.9038, 0.3218, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	E1DAD4
RGB	225, 218, 212
RGB Percent	88%, 85%, 83%
CMY	0.1179, 0.1450, 0.1687
CMYK	0.00, 0.03, 0.06, 0.12
HSL	28°, 18%, 86%
HSV	28°, 6%, 88%
XYZ	67.9882, 70.9038, 72.3827
YIQ	219.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

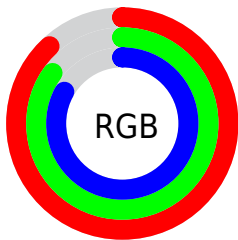
Format	Color
R _Y B	225, 223, 212
Decimal	14801620
CIE Lab	87.44, 1.31, 3.79
CIE LCh	87, 4.011, 70.923
Yxy	70.9038, 0.3218, 0.3356
Android (android.graphics.Color)	4292991700 (0xFFE1DAD4)
YUV	219.4090, -3.6526, 4.9033
Hunter-Lab	84.2044, -3.2334, 7.9770

Details

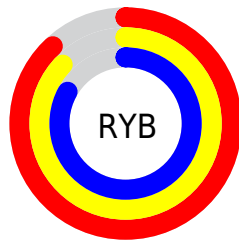
The Yxy color **70.9038, 0.3218, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0330, 0.3039, 0.3223**, and the grayscale version is **71.1550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1748, 0.3247, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **63.8515, 0.3395, 0.3476**, and if you desaturate by 10%, it is **78.5706, 0.3065, 0.3243**.

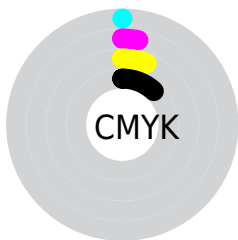
Distribution



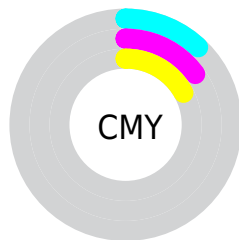
- Red (88%)
- Green (85%)
- Blue (83%)



- Red (88%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9038, 0.3218, 0.3356 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 70.9038, 0.3218, 0.3356 by changing the saturation by 10% instead.

■ 70.9038, 0.3218,
0.3356

■ 70.9038, 0.3218,
0.3356

463.7171, 0.3176,
0.3325

■ 52.2637, 0.3228,
0.3363

120.4967, 0.3203,
0.3345

■ 37.2153, 0.3240,
0.3372

152.2184, 0.3198,
0.3341

■ 25.3742, 0.3255,
0.3383

189.0693, 0.3193,
0.3338

■ 16.3561, 0.3275,
0.3397

231.4339, 0.3188,
0.3335

■ 9.7765, 0.3303,
0.3417

279.6966, 0.3185,
0.3332

■ 5.2510, 0.3344,
0.3446

334.2417, 0.3181,

■ 2.3953, 0.3409,

0.3330

0.3491

395.4538, 0.3178,
0.3327

0.8235, 0.3589,
0.3628

0.0000, 0.0000,
0.0000

70.9038, 0.3218,
0.3356

70.9038, 0.3218,
0.3356

63.8515, 0.3395,
0.3476

78.5706, 0.3065,
0.3243

57.3884, 0.3597,
0.3602

86.7299, 0.2943,
0.3158

51.5010, 0.3827,
0.3730

94.1059, 0.2946,
0.3280

46.1716, 0.4082,
0.3852

94.7359, 0.2946,
0.3289

■ 41.3815, 0.4360,
0.3962

■ 37.1109, 0.4651,
0.4046

■ 33.3381, 0.4941,
0.4093

■ 30.0393, 0.5209,
0.4090

■ 27.1875, 0.5437,
0.4031

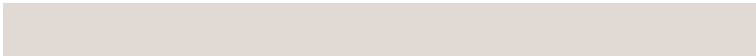
Harmonies

Analogous

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



70.9038, 0.3221, 0.3321



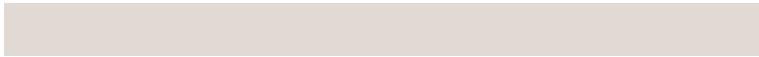
70.9038, 0.3218, 0.3356



70.9038, 0.3190, 0.3374

Triad

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



70.9038, 0.3218, 0.3356



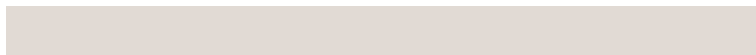
70.9038, 0.3056, 0.3302



70.9038, 0.3108, 0.3213

Complementary

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



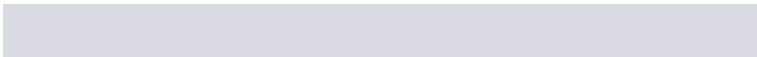
70.9038, 0.3218, 0.3356



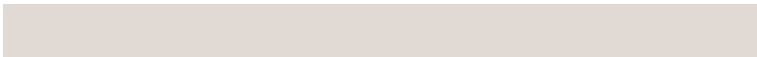
70.0330, 0.3039, 0.3223

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.



70.9038, 0.3064, 0.3207



70.9038, 0.3218, 0.3356



70.9038, 0.3034, 0.3259

Square

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



70.9038, 0.3218, 0.3356



70.9038, 0.3097, 0.3343



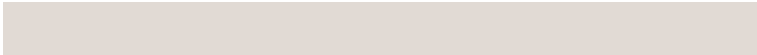
70.9038, 0.3037, 0.3224



70.9038, 0.3157, 0.3238

Rectangle

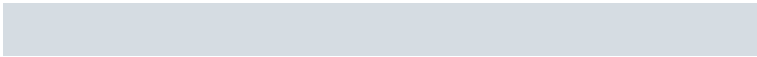
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



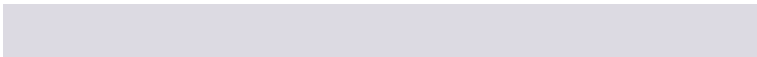
70.9038, 0.3218, 0.3356



70.9038, 0.3162, 0.3373



70.9038, 0.3037, 0.3224



70.9038, 0.3092, 0.3208

Sweetspot

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



70.9069, 0.3218, 0.3356



97.9530, 0.3158, 0.3313



68.1870, 0.3175, 0.3215



20.9875, 0.3157, 0.3312



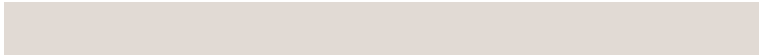
0.0000, 0.0000, 0.0000



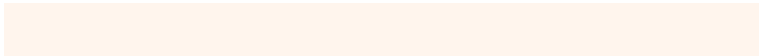
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9069, 0.3218, 0.3356



92.9801, 0.3240, 0.3371



74.3272, 0.3212, 0.3426



15.0435, 0.3248, 0.3377



15.2785, 0.5499, 0.4016



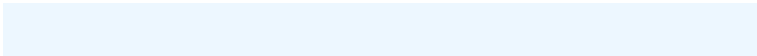
1.2370, 0.5246, 0.4217

Inverse Universe

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



70.0330, 0.3039, 0.3223



91.5690, 0.3019, 0.3207



66.7262, 0.3040, 0.3151



14.7984, 0.3011, 0.3201



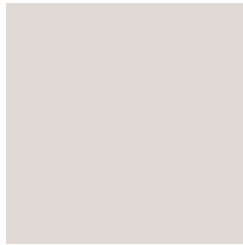
11.1061, 0.1804, 0.1696



0.9486, 0.1878, 0.1961

Previews

White Background



This preview shows how the Yxy color 70.9038, 0.3218, 0.3356 looks on a white background.

Color Contrast Check

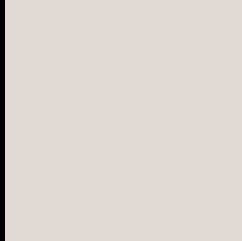
Large Text (above 18pt) WCAG AA × Fail

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 70.9038, 0.3218, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

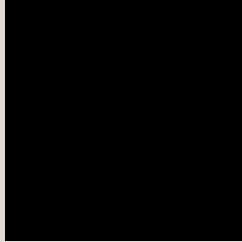
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

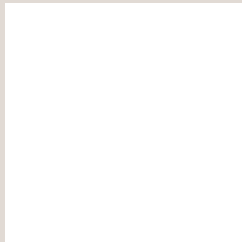
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9038, 0.3218, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 70.9038, 0.3218, 0.3356.

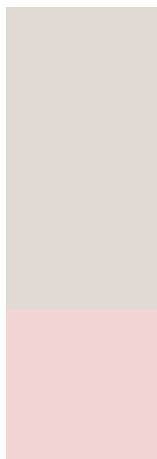


This preview shows how white text looks on a background with the Yxy color 70.9038, 0.3218, 0.3356.

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

70.9038, 0.3218, 0.3356

Protanopia

70.9038, 0.3218, 0.3356

Deuteranopia

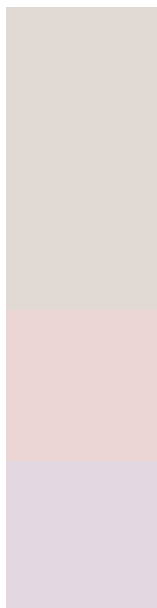
70.7683, 0.3345, 0.3280



Tritanopia

70.9211, 0.3107, 0.3109

Trichromacy



Original Color

70.9038, 0.3218, 0.3356

Protanomaly

70.9038, 0.3218, 0.3356

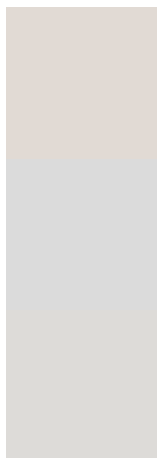
Deuteranomaly

70.7301, 0.3297, 0.3301

Tritanomaly

70.8789, 0.3146, 0.3194

Monochromacy



Original Color

70.9038, 0.3218, 0.3356

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9931, 0.3162, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9038, 0.3218, 0.3356 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(225, 218, 212)` looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 212)  
}
```

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(225, 218, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 212) }
```

Border

The CSS property to change the border of an element to Yxy 70.9038, 0.3218, 0.3356 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(225, 218, 212) }
```

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

```
.border{ border-color:rgb(225, 218, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 218, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 218, 212); box-shadow:4px 4px 4px 4px rgb(225, 218, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9038, 0.3218, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 212) }
```

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

```
.background{ background-color: rgb(225,  
218, 212) }
```

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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