

Converting Colors

$Yxy(69.7759, 0.3138, 0.3203)$

Have a look what the booklet for
Yxy(69.7759, 0.3138, 0.3203)
contains.

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Color

Yxy(69.7759, 0.3138, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	E0D7DF
RGB	224, 215, 223
RGB Percent	88%, 84%, 87%
CMY	0.1217, 0.1568, 0.1253
CMYK	0.00, 0.04, 0.00, 0.12
HSL	306°, 13%, 86%
HSV	306°, 4%, 88%
XYZ	68.3599, 69.7759, 79.7097
YIQ	218.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

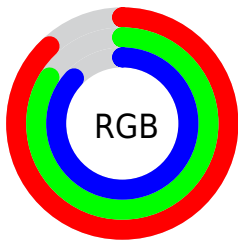
Format	Color
R _Y B	224, 215, 223
Decimal	14735327
CIE Lab	86.89, 4.50, -2.86
CIE LCh	87, 5.334, 327.560
Yxy	69.7759, 0.3138, 0.3203
Android (android.graphics.Color)	4292925407 (0xFFE0D7DF)
YUV	218.6030, 2.1677, 4.7332
Hunter-Lab	83.5320, -0.1022, 1.8954

Details

The Yxy color **69.7759, 0.3138, 0.3203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7028, 0.3116, 0.3379**, and the grayscale version is **70.5339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4038, 0.3142, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **59.0172, 0.3168, 0.2980**, and if you desaturate by 10%, it is **82.1039, 0.3112, 0.3417**.

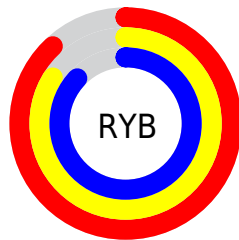
Distribution



Red (88%)

Green (84%)

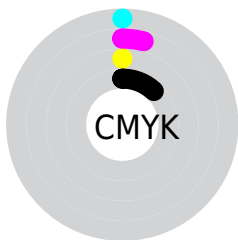
Blue (87%)



Red (88%)

Yellow (84%)

Blue (87%)

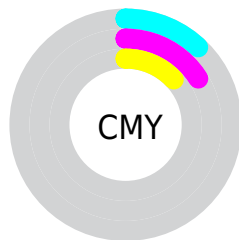


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7759, 0.3138, 0.3203 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 69.7759, 0.3138, 0.3203 by changing the saturation by 10% instead.

■ 69.7759, 0.3138,
0.3203

■ 69.7759, 0.3138,
0.3203

459.7628, 0.3133,
0.3243

■ 51.3439, 0.3139,
0.3194

118.8891, 0.3136,
0.3217

■ 36.4823, 0.3140,
0.3182

150.3391, 0.3136,
0.3222

■ 24.8069, 0.3142,
0.3168

186.8971, 0.3135,
0.3227

■ 15.9333, 0.3144,
0.3149

228.9477, 0.3135,
0.3231

■ 9.4770, 0.3147,
0.3123

276.8752, 0.3134,
0.3235

■ 5.0536, 0.3151,
0.3085

331.0639, 0.3134,

■ 2.2787, 0.3158,

0.3238

0.3025

391.8983, 0.3133,
0.3241

0.7624, 0.3175,
0.2900

0.0000, 0.0000,
0.0000

69.7759, 0.3138,
0.3203

69.7759, 0.3138,
0.3203

59.0172, 0.3168,
0.2980

82.1039, 0.3112,
0.3417

49.7556, 0.3201,
0.2752

92.9485, 0.3091,
0.3571

41.9270, 0.3237,
0.2527

93.0783, 0.3078,
0.3547

35.4589, 0.3276,
0.2313

93.2098, 0.3065,
0.3522

30.2724, 0.3316,
0.2118

93.3431, 0.3052,
0.3498

26.2808, 0.3358,
0.1954

93.4781, 0.3039,
0.3474

23.3864, 0.3398,
0.1827

93.6149, 0.3026,
0.3449

21.4762, 0.3437,
0.1744

93.7535, 0.3013,
0.3425

20.4128, 0.3473,
0.1706

93.8938, 0.3000,
0.3401

Harmonies

Analogous

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



69.7759, 0.3073, 0.3180



69.7759, 0.3138, 0.3203



69.7759, 0.3200, 0.3249

Triad

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



69.7759, 0.3138, 0.3203



69.7759, 0.3232, 0.3395



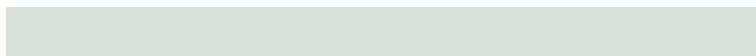
69.7759, 0.3012, 0.3273

Complementary

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



69.7759, 0.3138, 0.3203



72.7028, 0.3116, 0.3379

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.



69.7759, 0.3054, 0.3332



69.7759, 0.3138, 0.3203



69.7759, 0.3181, 0.3403

Square

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



69.7759, 0.3138, 0.3203



69.7759, 0.3255, 0.3359



69.7759, 0.3116, 0.3380



69.7759, 0.3001, 0.3220

Rectangle

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



69.7759, 0.3138, 0.3203



69.7759, 0.3232, 0.3286



69.7759, 0.3116, 0.3380



69.7759, 0.3023, 0.3293

Sweetspot

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



69.7789, 0.3138, 0.3203



98.3667, 0.3130, 0.3268



68.5698, 0.3074, 0.3191



21.0717, 0.3130, 0.3269



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.



69.7789, 0.3138, 0.3203



92.0482, 0.3141, 0.3180



69.5419, 0.3168, 0.3251



14.8154, 0.3143, 0.3166



11.6821, 0.3488, 0.1695



0.8169, 0.3440, 0.1668

Inverse Universe

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



69.7789, 0.3138, 0.3203



92.0482, 0.3141, 0.3180



72.9361, 0.3088, 0.3329



14.8154, 0.3143, 0.3166



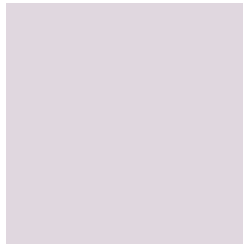
11.6821, 0.3488, 0.1695



0.8169, 0.3440, 0.1668

Previews

White Background



This preview shows how the Yxy color 69.7759, 0.3138, 0.3203 looks on a white background.

Color Contrast Check

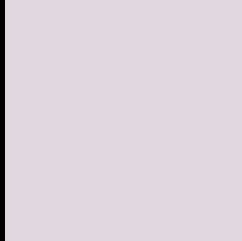
Large Text (above 18pt) WCAG AA × Fail

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 69.7759, 0.3138, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

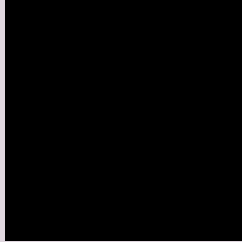
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

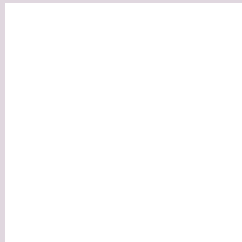
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7759, 0.3138, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 69.7759, 0.3138, 0.3203.

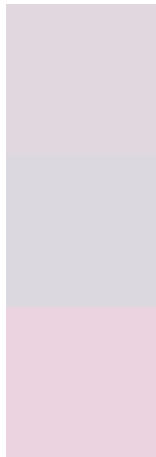


This preview shows how white text looks on a background with the Yxy color 69.7759, 0.3138, 0.3203.

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

69.7759, 0.3138, 0.3203

Protanopia

69.7092, 0.3102, 0.3203

Deuteranopia

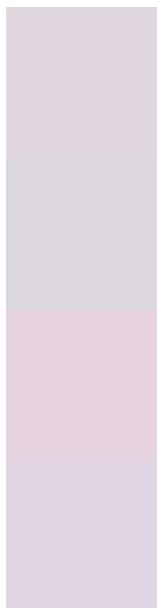
69.8032, 0.3223, 0.3153



Tritanopia

69.8702, 0.3092, 0.3108

Trichromacy



Original Color

69.7759, 0.3138, 0.3203

Protanomaly

69.8657, 0.3110, 0.3203

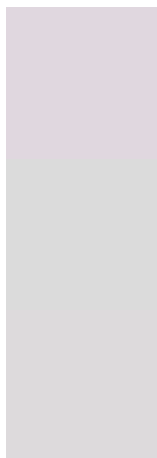
Deuteranomaly

69.6246, 0.3192, 0.3162

Tritanomaly

69.7021, 0.3112, 0.3140

Monochromacy



Original Color

69.7759, 0.3138, 0.3203

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6823, 0.3135, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7759, 0.3138, 0.3203 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(224, 215, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 215, 223)  
}
```

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(224, 215, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 215, 223) }
```

Border

The CSS property to change the border of an element to Yxy 69.7759, 0.3138, 0.3203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

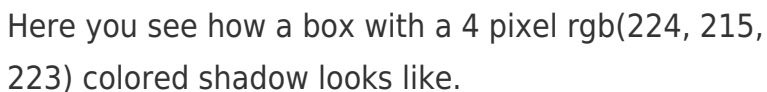
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 215, 223) }
```

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

```
.border{ border-color:rgb(224, 215, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 215, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 215, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 215, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 215,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7759, 0.3138, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 215, 223) }
```

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

```
.background{ background-color: rgb(224,  
215, 223) }
```

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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