

Converting Colors

$Y_{xy}(75.0552, 0.3242, 0.3270)$

Have a look what the booklet for
Yxy(75.0552, 0.3242, 0.3270)
contains.

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Color

Yxy(75.2178, 0.3235, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	EEDDDF
RGB	238, 221, 223
RGB Percent	93%, 87%, 87%
CMY	0.0667, 0.1333, 0.1253
CMYK	0.00, 0.07, 0.06, 0.07
HSL	353°, 33%, 90%
HSV	353°, 7%, 93%
XYZ	74.4355, 75.2178, 80.4409
YIQ	226.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

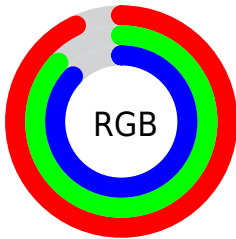
Format	Color
R _Y B	238, 221, 223
Decimal	15654367
CIE Lab	89.49, 6.16, 1.09
CIE LCh	89, 6.251, 10.006
Yxy	75.2178, 0.3235, 0.3269
Android (android.graphics.Color)	4293844447 (0xFFEEDDDF)
YUV	226.3110, -1.6323, 10.2513
Hunter-Lab	86.7282, 1.4254, 5.7179

Details

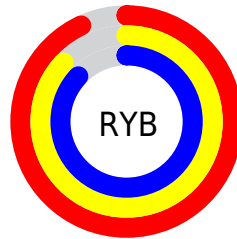
The Yxy color **75.2178, 0.3235, 0.3269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.5634, 0.3029, 0.3311**, and the grayscale version is **76.2991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0447, 0.3259, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **62.4712, 0.3418, 0.3238**, and if you desaturate by 10%, it is **89.8918, 0.3088, 0.3298**.

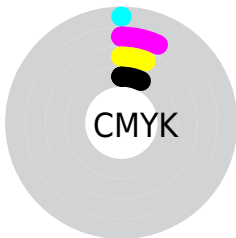
Distribution



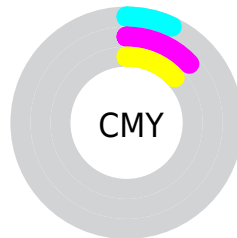
- Red (93%)
- Green (87%)
- Blue (87%)



- Red (93%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2178, 0.3235, 0.3269 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 75.2178, 0.3235, 0.3269 by changing the saturation by 10% instead.


 75.2178, 0.3235,
0.3269

 75.2178, 0.3235,
0.3269


478.6658, 0.3185,
0.3279

 55.7913, 0.3246,
0.3267


126.6206, 0.3218,
0.3272

 40.0357, 0.3260,
0.3264

159.3658, 0.3211,
0.3274

 27.5663, 0.3278,
0.3260


197.3193, 0.3205,
0.3275

 17.9990, 0.3301,
0.3255

240.8655, 0.3200,
0.3276

 10.9493, 0.3333,
0.3249

290.3889, 0.3196,
0.3277

 6.0327, 0.3378,
0.3239

346.2738, 0.3192,

 2.8650, 0.3449,

0.3278

0.3224

408.9047, 0.3188,
0.3278

■ 1.0617, 0.3577,
0.3195

■ 0.0000, 1.0000,
0.0000

■ 75.2178, 0.3235,
0.3269

■ 75.2178, 0.3235,
0.3269

■ 62.4712, 0.3418,
0.3238

■ 89.8918, 0.3088,
0.3298

■ 51.5625, 0.3645,
0.3205

■ 96.9137, 0.3023,
0.3290

■ 42.4099, 0.3925,
0.3173

■ 34.9214, 0.4265,
0.3144

■ 28.9967, 0.4663,
0.3122

■ 24.5249, 0.5103,
0.3115

■ 21.3802, 0.5547,
0.3128

■ 19.4154, 0.5938,
0.3164

■ 18.4410, 0.6216,
0.3218

Harmonies

Analogous

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



75.2178, 0.3171, 0.3210



75.2178, 0.3235, 0.3269



75.2178, 0.3270, 0.3334

Triad

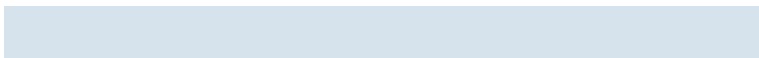
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2178, 0.3235, 0.3269



75.2178, 0.3158, 0.3412



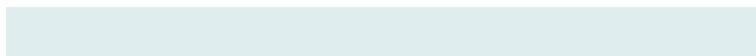
75.2178, 0.2989, 0.3190

Complementary

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



75.2178, 0.3235, 0.3269



82.5634, 0.3029, 0.3311

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.



75.2178, 0.2986, 0.3243



75.2178, 0.3235, 0.3269



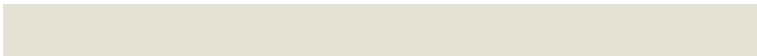
75.2178, 0.3083, 0.3373

Square

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



75.2178, 0.3235, 0.3269



75.2178, 0.3226, 0.3418



75.2178, 0.3020, 0.3310



75.2178, 0.3029, 0.3164

Rectangle

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



75.2178, 0.3235, 0.3269



75.2178, 0.3273, 0.3373



75.2178, 0.3020, 0.3310



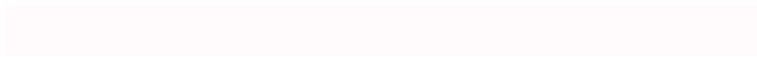
75.2178, 0.2984, 0.3205

Sweetspot

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



75.2211, 0.3235, 0.3269



96.5035, 0.3156, 0.3284



75.6734, 0.3119, 0.3115



20.6923, 0.3154, 0.3285



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

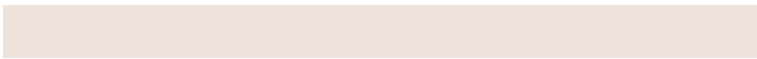
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2211, 0.3235, 0.3269



84.9886, 0.3267, 0.3263



78.4592, 0.3243, 0.3355



15.7898, 0.3274, 0.3262



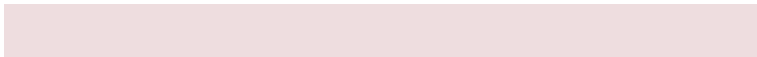
10.1993, 0.6251, 0.3217



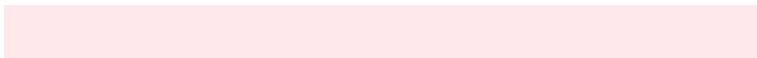
0.8584, 0.5970, 0.3062

Inverse Universe

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



75.2211, 0.3235, 0.3269



84.9886, 0.3267, 0.3263



79.1217, 0.3017, 0.3224



15.7898, 0.3274, 0.3262



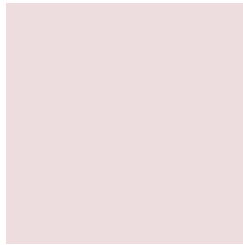
10.1993, 0.6251, 0.3217



0.8584, 0.5970, 0.3062

Previews

White Background



This preview shows how the Yxy color 75.2178, 0.3235, 0.3269 looks on a white background.

Color Contrast Check

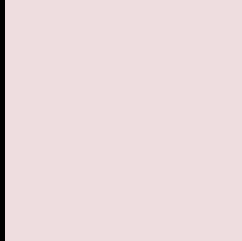
Large Text (above 18pt) WCAG AA × Fail

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 75.2178, 0.3235, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

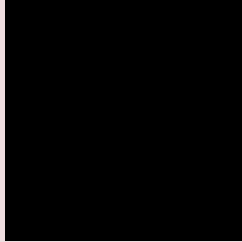
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

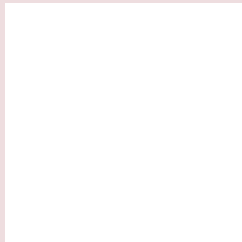
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2178, 0.3235, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 75.2178, 0.3235, 0.3269.

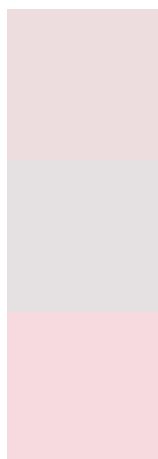


This preview shows how white text looks on a background with the Yxy color 75.2178, 0.3235, 0.3269.

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

75.2178, 0.3235, 0.3269

Protanopia

75.4056, 0.3156, 0.3280

Deuteranopia

75.2988, 0.3297, 0.3229



Tritanopia

75.2444, 0.3164, 0.3116

Trichromacy



Original Color

75.2178, 0.3235, 0.3269

Protanomaly

75.3130, 0.3184, 0.3280

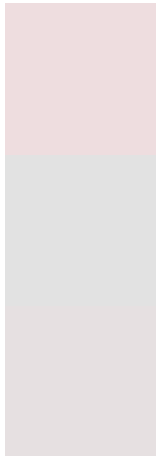
Deuteranomaly

75.2780, 0.3274, 0.3239

Tritanomaly

75.3066, 0.3189, 0.3177

Monochromacy



Original Color

75.2178, 0.3235, 0.3269

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5705, 0.3163, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2178, 0.3235, 0.3269 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(238, 221, 223)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 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(238, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 223) }
```

Border

The CSS property to change the border of an element to Yxy 75.2178, 0.3235, 0.3269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

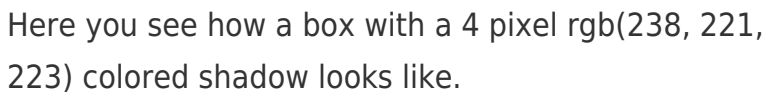
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 221, 223) }
```

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

```
.border{ border-color:rgb(238, 221, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 221, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 221, 223); box-shadow:4px 4px 4px 4px rgb(238, 221, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2178, 0.3235, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 223) }
```

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

```
.background{ background-color: rgb(238,  
221, 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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