

Converting Colors

$Yxy(74.2207, 0.3182, 0.3333)$

Have a look what the booklet for
Yxy(74.2207, 0.3182, 0.3333)
contains.

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Color

Yxy(74.2207, 0.3182, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E3DFDB
RGB	227, 223, 219
RGB Percent	89%, 87%, 86%
CMY	0.1097, 0.1255, 0.1412
CMYK	0.00, 0.02, 0.04, 0.11
HSL	30°, 13%, 87%
HSV	30°, 4%, 89%
XYZ	70.8582, 74.2207, 77.6055
YIQ	223.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

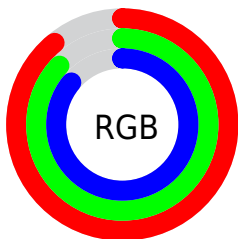
Format	Color
R _Y B	227, 227, 219
Decimal	14933979
CIE Lab	89.03, 0.67, 2.43
CIE LCh	89, 2.519, 74.580
Yxy	74.2207, 0.3182, 0.3333
Android (android.graphics.Color)	4293124059 (0xFFE3DFDB)
YUV	223.7400, -2.3368, 2.8590
Hunter-Lab	86.1514, -3.9516, 6.8974

Details

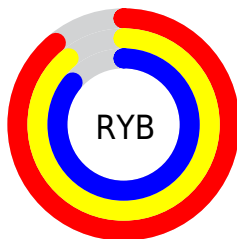
The Yxy color **74.2207, 0.3182, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3968, 0.3073, 0.3247**, and the grayscale version is **74.3652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4563, 0.3198, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **67.2242, 0.3352, 0.3460**, and if you desaturate by 10%, it is **81.7963, 0.3034, 0.3214**.

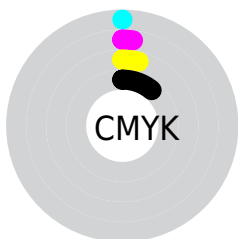
Distribution



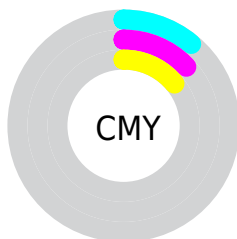
- Red (89%)
- Green (87%)
- Blue (86%)



- Red (89%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2207, 0.3182, 0.3333 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 74.2207, 0.3182, 0.3333 by changing the saturation by 10% instead.

■ 74.2207, 0.3182,
0.3333

■ 74.2207, 0.3182,
0.3333

475.2347, 0.3157,
0.3313

■ 54.9747, 0.3188,
0.3337

125.2086, 0.3173,
0.3326

■ 39.3815, 0.3195,
0.3343

157.7193, 0.3170,
0.3324

■ 27.0566, 0.3204,
0.3350

195.4204, 0.3167,
0.3321

■ 17.6157, 0.3216,
0.3359

238.6962, 0.3164,
0.3319

■ 10.6745, 0.3232,
0.3372

287.9311, 0.3162,
0.3317

■ 5.8484, 0.3255,
0.3390

343.5096, 0.3160,

■ 2.7531, 0.3292,

0.3316

0.3418

405.8160, 0.3158,
0.3315

1.0042, 0.3359,
0.3469

0.0000, 0.0000,
0.0000

74.2207, 0.3182,
0.3333

74.2207, 0.3182,
0.3333

67.2242, 0.3352,
0.3460

81.7963, 0.3034,
0.3214

60.7827, 0.3546,
0.3593

89.3350, 0.2957,
0.3197

54.8841, 0.3765,
0.3728

95.0755, 0.2958,
0.3290

49.5124, 0.4008,
0.3861

■ 44.6505, 0.4272,
0.3982

■ 40.2805, 0.4548,
0.4080

■ 36.3826, 0.4824,
0.4143

■ 32.9353, 0.5083,
0.4158

■ 29.9141, 0.5306,
0.4118

Harmonies

Analogous

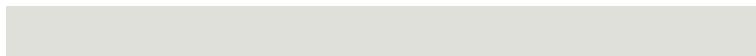
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2207, 0.3186, 0.3312



74.2207, 0.3182, 0.3333



74.2207, 0.3163, 0.3342

Triad

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



74.2207, 0.3182, 0.3333



74.2207, 0.3081, 0.3294



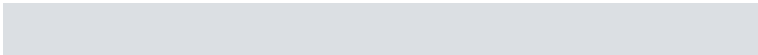
74.2207, 0.3119, 0.3243

Complementary

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



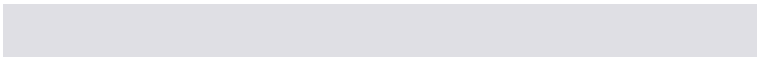
74.2207, 0.3182, 0.3333



73.3968, 0.3073, 0.3247

Split Complementary

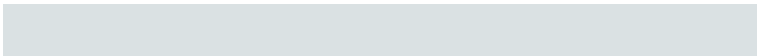
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2207, 0.3091, 0.3238



74.2207, 0.3182, 0.3333



74.2207, 0.3069, 0.3268

Square

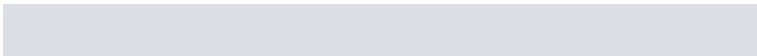
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2207, 0.3182, 0.3333



74.2207, 0.3105, 0.3320



74.2207, 0.3073, 0.3247



74.2207, 0.3149, 0.3261

Rectangle

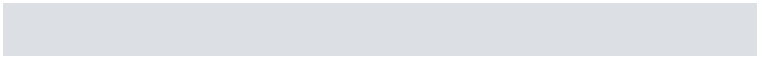
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



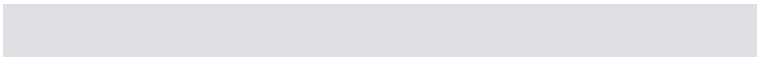
74.2207, 0.3182, 0.3333



74.2207, 0.3145, 0.3341



74.2207, 0.3073, 0.3247



74.2207, 0.3109, 0.3240

Sweetspot

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



74.2239, 0.3182, 0.3333



99.0231, 0.3142, 0.3302



72.3321, 0.3157, 0.3246



21.2053, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

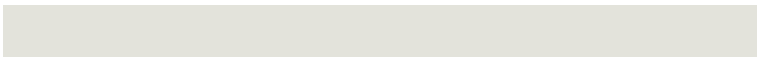
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2239, 0.3182, 0.3333



96.1380, 0.3190, 0.3339



76.3302, 0.3179, 0.3374



16.2922, 0.3201, 0.3348



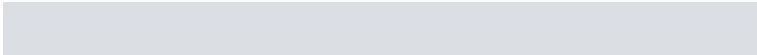
16.6568, 0.5409, 0.4087



1.4166, 0.5184, 0.4266

Inverse Universe

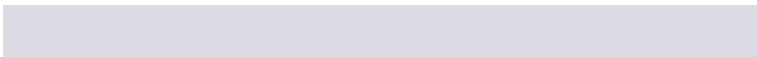
The Inverse Universe completely reimagines the original color for something new.



73.3968, 0.3073, 0.3247



94.9171, 0.3066, 0.3240



71.3380, 0.3074, 0.3204



16.0485, 0.3055, 0.3232



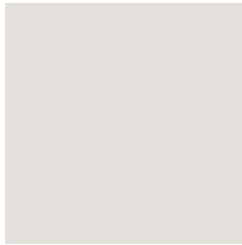
10.4750, 0.1775, 0.1588



0.9599, 0.1848, 0.1851

Previews

White Background



This preview shows how the Yxy color 74.2207, 0.3182, 0.3333 looks on a white background.

Color Contrast Check

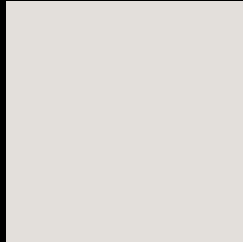
Large Text (above 18pt) WCAG AA × Fail

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 74.2207, 0.3182, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

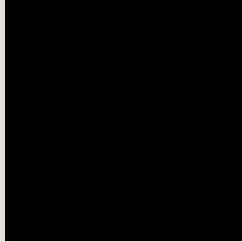
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

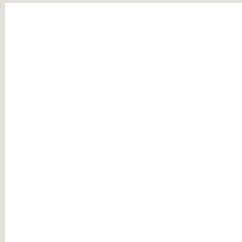
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2207, 0.3182, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 74.2207, 0.3182, 0.3333.

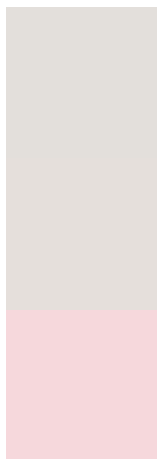


This preview shows how white text looks on a background with the Yxy color 74.2207, 0.3182, 0.3333.

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

74.2207, 0.3182, 0.3333

Protanopia

74.5478, 0.3196, 0.3333

Deuteranopia

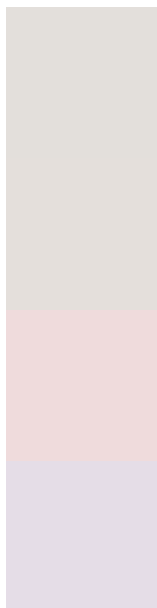
73.8719, 0.3320, 0.3249



Tritanopia

74.1824, 0.3080, 0.3102

Trichromacy



Original Color

74.2207, 0.3182, 0.3333

Protanomaly

74.3838, 0.3189, 0.3333

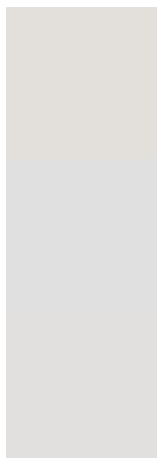
Deuteranomaly

74.1811, 0.3265, 0.3280

Tritanomaly

74.1404, 0.3118, 0.3184

Monochromacy



Original Color

74.2207, 0.3182, 0.3333

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.5928, 0.3147, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2207, 0.3182, 0.3333 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(227, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 223, 219)  
}
```

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(227, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 223, 219) }
```

Border

The CSS property to change the border of an element to Yxy 74.2207, 0.3182, 0.3333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

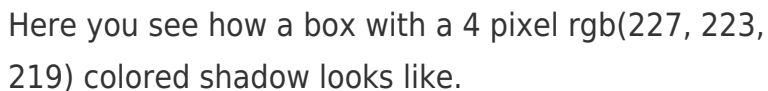
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 223, 219) }
```

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

```
.border{ border-color:rgb(227, 223, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 223, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 223, 219); box-shadow:4px 4px 4px 4px rgb(227, 223, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2207, 0.3182, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 223, 219) }
```

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

```
.background{ background-color: rgb(227,  
223, 219) }
```

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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