

Converting Colors

$Y_{xy}(75.9770, 0.3186, 0.3339)$

Have a look what the booklet for
Yxy(75.9770, 0.3186, 0.3339)
contains.

Yxy(75.7289, 0.3181, 0.3333)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.7289, 0.3181, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E5E1DD
RGB	229, 225, 221
RGB Percent	90%, 88%, 87%
CMY	0.1022, 0.1176, 0.1334
CMYK	0.00, 0.02, 0.03, 0.10
HSL	30°, 13%, 88%
HSV	30°, 3%, 90%
XYZ	72.2753, 75.7289, 79.2052
YIQ	225.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

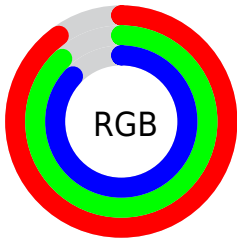
Format	Color
R _Y B	229, 229, 221
Decimal	15065565
CIE Lab	89.73, 0.63, 2.43
CIE LCh	90, 2.507, 75.529
Yxy	75.7289, 0.3181, 0.3333
Android (android.graphics.Color)	4293255645 (0xFFE5E1DD)
YUV	225.7400, -2.3368, 2.8590
Hunter-Lab	87.0224, -4.0382, 6.9516

Details

The Yxy color **75.7289, 0.3181, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8278, 0.3074, 0.3247**, and the grayscale version is **75.8675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5013, 0.3198, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **68.6898, 0.3351, 0.3462**, and if you desaturate by 10%, it is **83.3446, 0.3033, 0.3212**.

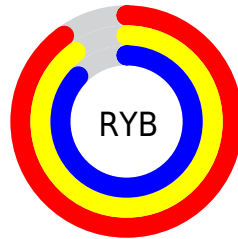
Distribution



Red (90%)

Green (88%)

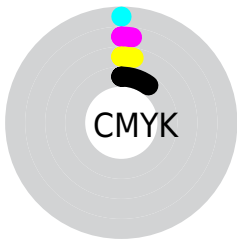
Blue (87%)



Red (90%)

Yellow (90%)

Blue (87%)

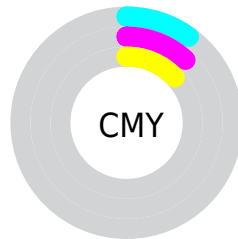


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7289, 0.3181, 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 75.7289, 0.3181, 0.3333 by changing the saturation by 10% instead.

■ 75.7289, 0.3181,
0.3333

■ 75.7289, 0.3181,
0.3333

480.4192, 0.3156,
0.3313

■ 56.2102, 0.3187,
0.3337

127.3436, 0.3172,
0.3326

■ 40.3715, 0.3194,
0.3343

160.2085, 0.3169,
0.3324

■ 27.8283, 0.3202,
0.3350

198.2908, 0.3166,
0.3321

■ 18.1963, 0.3214,
0.3359

241.9751, 0.3164,
0.3319

■ 11.0910, 0.3229,
0.3371

291.6457, 0.3162,
0.3318

■ 6.1281, 0.3252,
0.3389

347.6869, 0.3160,

■ 2.9231, 0.3287,

0.3316

0.3416

410.4833, 0.3158,
0.3315

1.0917, 0.3349,
0.3465

0.0000, 0.0000,
0.0000

75.7289, 0.3181,
0.3333

75.7289, 0.3181,
0.3333

68.6898, 0.3351,
0.3462

83.3446, 0.3033,
0.3212

62.2030, 0.3544,
0.3597

90.7588, 0.2969,
0.3215

56.2566, 0.3761,
0.3735

95.3894, 0.2969,
0.3290

50.8348, 0.4003,
0.3870

■ 45.9206, 0.4263,
0.3993

■ 41.4962, 0.4536,
0.4093

■ 37.5419, 0.4808,
0.4158

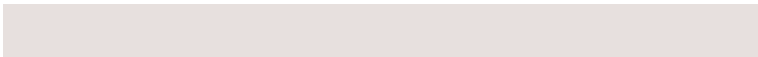
■ 34.0365, 0.5062,
0.4175

■ 30.9554, 0.5282,
0.4138

Harmonies

Analogous

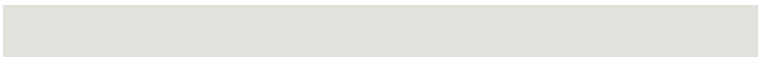
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7289, 0.3185, 0.3313



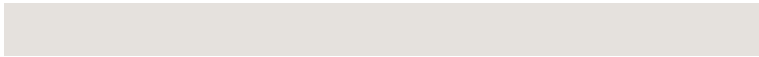
75.7289, 0.3181, 0.3333



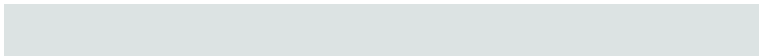
75.7289, 0.3162, 0.3342

Triad

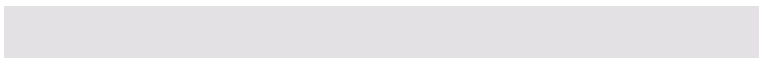
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7289, 0.3181, 0.3333



75.7289, 0.3081, 0.3293



75.7289, 0.3120, 0.3244

Complementary

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



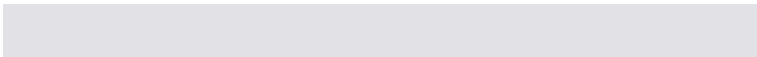
75.7289, 0.3181, 0.3333



74.8278, 0.3074, 0.3247

Split Complementary

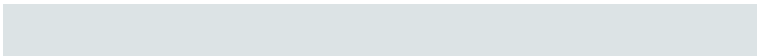
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7289, 0.3092, 0.3239



75.7289, 0.3181, 0.3333



75.7289, 0.3070, 0.3267

Square

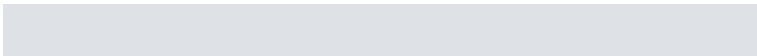
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7289, 0.3181, 0.3333



75.7289, 0.3104, 0.3319



75.7289, 0.3074, 0.3247



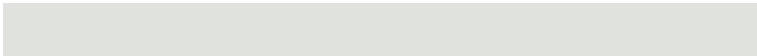
75.7289, 0.3150, 0.3262

Rectangle

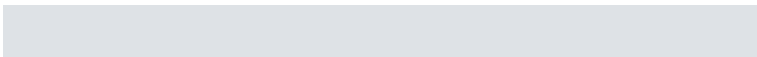
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7289, 0.3181, 0.3333



75.7289, 0.3144, 0.3340



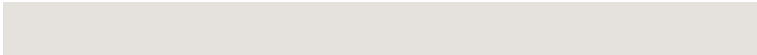
75.7289, 0.3074, 0.3247



75.7289, 0.3110, 0.3241

Sweetspot

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



75.7322, 0.3181, 0.3333



99.0372, 0.3142, 0.3302



73.7907, 0.3157, 0.3248



21.2082, 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.



75.7322, 0.3181, 0.3333



96.1934, 0.3190, 0.3340



77.8788, 0.3178, 0.3374



16.3032, 0.3201, 0.3349



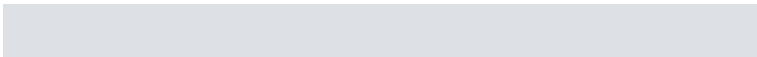
16.9191, 0.5383, 0.4108



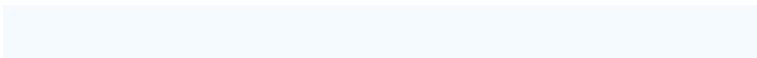
1.4361, 0.5163, 0.4283

Inverse Universe

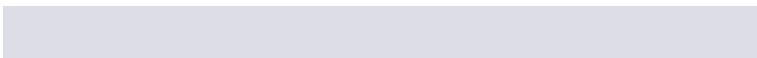
The Inverse Universe completely reimagines the original color for something new.



74.8278, 0.3074, 0.3247



94.8617, 0.3066, 0.3240



72.7313, 0.3075, 0.3204



16.0374, 0.3055, 0.3231



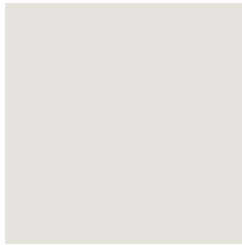
10.2160, 0.1766, 0.1559



0.9406, 0.1841, 0.1825

Previews

White Background



This preview shows how the Yxy color 75.7289, 0.3181, 0.3333 looks on a white background.

Color Contrast Check

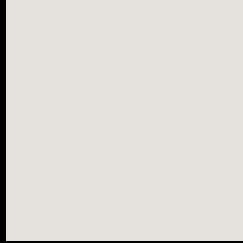
Large Text (above 18pt) WCAG AA × Fail

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 75.7289, 0.3181, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

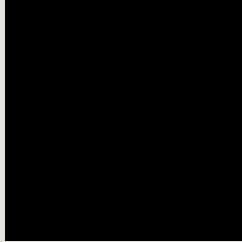
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

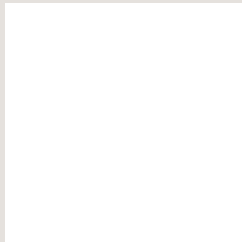
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7289, 0.3181, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 75.7289, 0.3181, 0.3333.

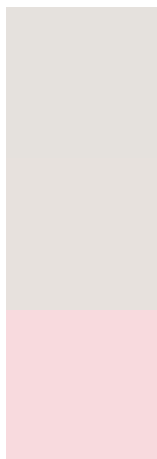


This preview shows how white text looks on a background with the Yxy color 75.7289, 0.3181, 0.3333.

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

75.7289, 0.3181, 0.3333

Protanopia

76.0598, 0.3195, 0.3333

Deuteranopia

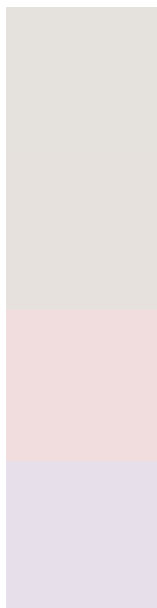
75.3732, 0.3318, 0.3250



Tritanopia

75.6896, 0.3080, 0.3103

Trichromacy



Original Color

75.7289, 0.3181, 0.3333

Protanomaly

75.8939, 0.3188, 0.3333

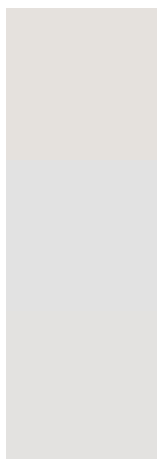
Deuteranomaly

75.6876, 0.3264, 0.3280

Tritanomaly

75.6475, 0.3118, 0.3185

Monochromacy



Original Color

75.7289, 0.3181, 0.3333

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1054, 0.3147, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7289, 0.3181, 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(229, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 221)  
}
```

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(229, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 221) }
```

Border

The CSS property to change the border of an element to Yxy 75.7289, 0.3181, 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(229, 225, 221) }
```

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

```
.border{ border-color:rgb(229, 225, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7289, 0.3181, 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(229, 225, 221) }
```

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

```
.background{ background-color: rgb(229,  
225, 221) }
```

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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