

Converting Colors

$Yxy(75.0631, 0.3185, 0.3339)$

Have a look what the booklet for
Yxy(75.0631, 0.3185, 0.3339)
contains.

Yxy(74.9726, 0.3182, 0.3333)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.9726, 0.3182, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E4E0DC
RGB	228, 224, 220
RGB Percent	89%, 88%, 86%
CMY	0.1057, 0.1216, 0.1373
CMYK	0.00, 0.02, 0.04, 0.11
HSL	30°, 13%, 88%
HSV	30°, 4%, 89%
XYZ	71.5760, 74.9726, 78.3917
YIQ	224.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

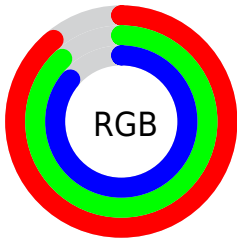
Format	Color
R _Y B	228, 228, 220
Decimal	14999772
CIE Lab	89.38, 0.67, 2.44
CIE LCh	89, 2.528, 74.580
Yxy	74.9726, 0.3182, 0.3333
Android (android.graphics.Color)	4293189852 (0xFFE4E0DC)
YUV	224.7400, -2.3368, 2.8590
Hunter-Lab	86.5867, -3.9716, 6.9322

Details

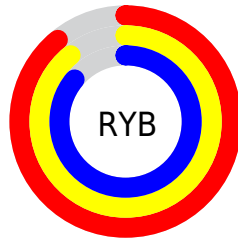
The Yxy color **74.9726, 0.3182, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1403, 0.3073, 0.3247**, and the grayscale version is **75.1186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9768, 0.3198, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **67.9035, 0.3352, 0.3460**, and if you desaturate by 10%, it is **82.6270, 0.3034, 0.3214**.

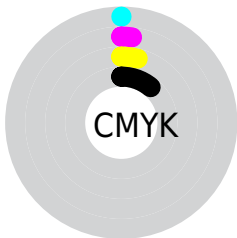
Distribution



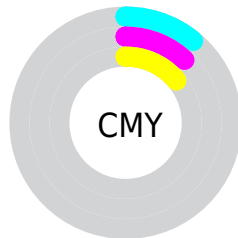
- Red (89%)
- Green (88%)
- Blue (86%)



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



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



- Cyan (11%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9726, 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 74.9726, 0.3182, 0.3333 by changing the saturation by 10% instead.

■ 74.9726, 0.3182,
0.3333

■ 74.9726, 0.3182,
0.3333

477.8234, 0.3157,
0.3313

■ 55.5904, 0.3188,
0.3337

126.2736, 0.3173,
0.3326

■ 39.8747, 0.3195,
0.3343

158.9612, 0.3170,
0.3324

■ 27.4408, 0.3204,
0.3350

196.8527, 0.3167,
0.3321

■ 17.9046, 0.3216,
0.3359

240.3326, 0.3164,
0.3319

■ 10.8815, 0.3232,
0.3371

289.7852, 0.3162,
0.3318

■ 5.9872, 0.3255,
0.3389

345.5950, 0.3160,

■ 2.8373, 0.3291,

0.3316

0.3417

408.1462, 0.3158,
0.3315

1.0474, 0.3356,
0.3466

0.0000, 0.0000,
0.0000

74.9726, 0.3182,
0.3333

74.9726, 0.3182,
0.3333

67.9035, 0.3352,
0.3460

82.6270, 0.3034,
0.3214

61.3952, 0.3546,
0.3593

90.1705, 0.2963,
0.3208

55.4357, 0.3765,
0.3728

95.2410, 0.2964,
0.3290

50.0086, 0.4008,
0.3861

■ 45.0968, 0.4272,
0.3982

■ 40.6821, 0.4548,
0.4080

■ 36.7445, 0.4824,
0.4143

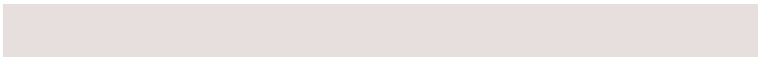
■ 33.2622, 0.5083,
0.4158

■ 30.2105, 0.5307,
0.4118

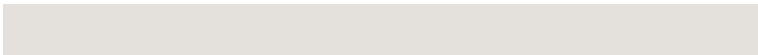
Harmonies

Analogous

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



74.9726, 0.3186, 0.3312



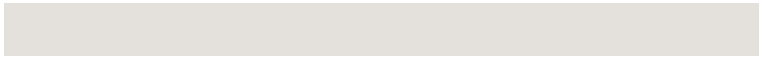
74.9726, 0.3182, 0.3333



74.9726, 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.



74.9726, 0.3182, 0.3333



74.9726, 0.3081, 0.3294



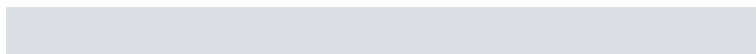
74.9726, 0.3119, 0.3243

Complementary

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



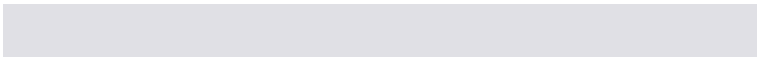
74.9726, 0.3182, 0.3333



74.1403, 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.



74.9726, 0.3091, 0.3238



74.9726, 0.3182, 0.3333



74.9726, 0.3069, 0.3268

Square

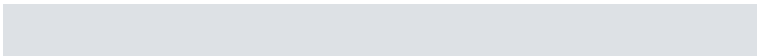
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9726, 0.3182, 0.3333



74.9726, 0.3105, 0.3320



74.9726, 0.3073, 0.3247



74.9726, 0.3149, 0.3261

Rectangle

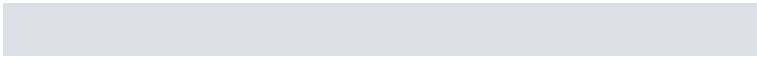
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9726, 0.3182, 0.3333



74.9726, 0.3145, 0.3341



74.9726, 0.3073, 0.3247



74.9726, 0.3109, 0.3240

Sweetspot

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



74.9758, 0.3182, 0.3333



99.0231, 0.3142, 0.3302



73.0649, 0.3157, 0.3246



21.2053, 0.3142, 0.3302



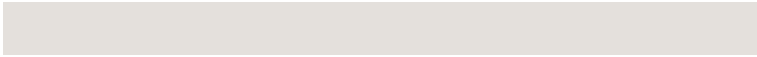
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



74.9758, 0.3182, 0.3333



96.1380, 0.3190, 0.3339



77.1035, 0.3179, 0.3374



16.2922, 0.3201, 0.3348



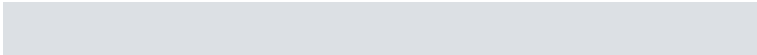
16.6568, 0.5409, 0.4087



1.4166, 0.5184, 0.4266

Inverse Universe

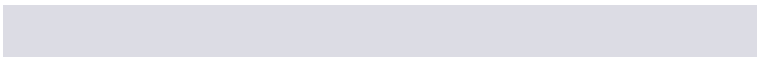
The Inverse Universe completely reimagines the original color for something new.



74.1403, 0.3073, 0.3247



94.9171, 0.3066, 0.3240



72.0607, 0.3074, 0.3204



16.0485, 0.3055, 0.3232



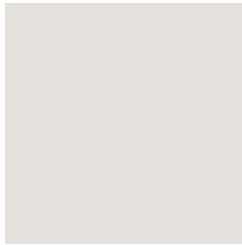
10.4750, 0.1775, 0.1588



0.9599, 0.1848, 0.1851

Previews

White Background



This preview shows how the Yxy color 74.9726, 0.3182, 0.3333 looks on a white background.

Color Contrast Check

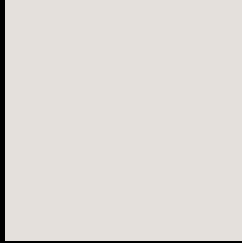
Large Text (above 18pt) WCAG AA × Fail

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 74.9726, 0.3182, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

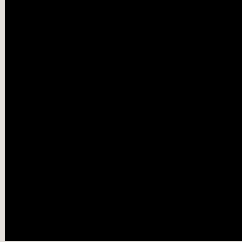
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

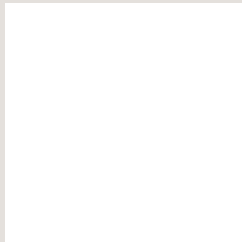
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9726, 0.3182, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 74.9726, 0.3182, 0.3333.

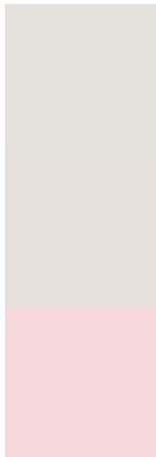


This preview shows how white text looks on a background with the Yxy color 74.9726, 0.3182, 0.3333.

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

74.9726, 0.3182, 0.3333

Protanopia

75.3016, 0.3196, 0.3333

Deuteranopia

74.6203, 0.3319, 0.3250



Tritanopia

74.9338, 0.3080, 0.3102

Trichromacy



Original Color

74.9726, 0.3182, 0.3333

Protanomaly

75.1366, 0.3189, 0.3333

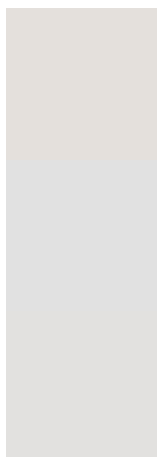
Deuteranomaly

74.9321, 0.3265, 0.3280

Tritanomaly

74.8917, 0.3118, 0.3185

Monochromacy



Original Color

74.9726, 0.3182, 0.3333

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3469, 0.3147, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9726, 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(228, 224, 220)` looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 220)  
}
```

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(228, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 220) }
```

Border

The CSS property to change the border of an element to Yxy 74.9726, 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(228, 224, 220) }
```

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

```
.border{ border-color:rgb(228, 224, 220) }
```

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

Here you see how a box with a 4 pixel rgb(228, 224, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9726, 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(228, 224, 220) }
```

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

```
.background{ background-color: rgb(228,  
224, 220) }
```

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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