

Converting Colors

$Yxy(74.6723, 0.3233, 0.3452)$

Have a look what the booklet for
Yxy(74.6723, 0.3233, 0.3452)
contains.

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Color

Yxy(74.6723, 0.3233, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	E2E1D2
RGB	226, 225, 210
RGB Percent	89%, 88%, 82%
CMY	0.1135, 0.1177, 0.1764
CMYK	0.00, 0.00, 0.07, 0.11
HSL	56°, 22%, 86%
HSV	56°, 7%, 89%
XYZ	69.9350, 74.6723, 71.7088
YIQ	223.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

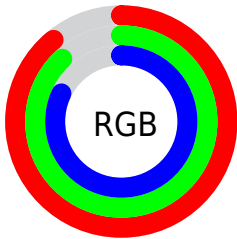
Format	Color
R _Y B	211, 226, 210
Decimal	14868946
CIE Lab	89.24, -2.22, 7.44
CIE LCh	89, 7.765, 106.643
Yxy	74.6723, 0.3233, 0.3452
Android (android.graphics.Color)	4293059026 (0xFFE2E1D2)
YUV	223.5890, -6.6994, 2.1144
Hunter-Lab	86.4131, -6.7612, 11.2882

Details

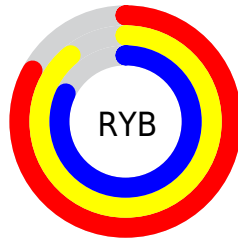
The Yxy color **74.6723, 0.3233, 0.3452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8241, 0.3019, 0.3123**, and the grayscale version is **74.2856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8077, 0.3256, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **72.8217, 0.3388, 0.3687**, and if you desaturate by 10%, it is **76.6956, 0.3085, 0.3225**.

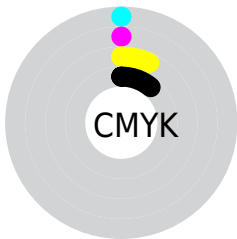
Distribution



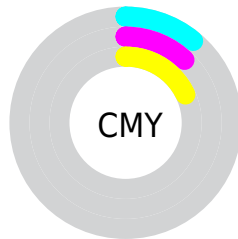
- Red (89%)
- Green (88%)
- Blue (82%)



- Red (83%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6723, 0.3233, 0.3452 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 74.6723, 0.3233, 0.3452 by changing the saturation by 10% instead.

■ 74.6723, 0.3233,
0.3452

■ 74.6723, 0.3233,
0.3452

476.7905, 0.3184,
0.3377

■ 55.3445, 0.3244,
0.3469

125.8484, 0.3216,
0.3426

■ 39.6776, 0.3258,
0.3490

158.4654, 0.3210,
0.3416

■ 27.2873, 0.3275,
0.3517

196.2810, 0.3204,
0.3407

■ 17.7891, 0.3297,
0.3553

239.6795, 0.3199,
0.3400

■ 10.7987, 0.3327,
0.3601

289.0453, 0.3195,
0.3393

■ 5.9316, 0.3371,
0.3671

344.7628, 0.3191,

■ 2.8035, 0.3438,

0.3387

0.3780

407.2164, 0.3187,
0.3382

■ 1.0300, 0.3617,
0.4049

■ 0.0000, 0.0000,
0.0000

■ 74.6723, 0.3233,
0.3452

■ 74.6723, 0.3233,
0.3452

■ 72.8217, 0.3388,
0.3687

■ 76.6956, 0.3085,
0.3225

■ 71.1275, 0.3546,
0.3924

■ 78.8737, 0.2948,
0.3013

■ 69.5857, 0.3703,
0.4156

■ 79.7004, 0.2948,
0.3028

■ 68.1888, 0.3854,
0.4374

■ 80.5342, 0.2948,
0.3044

66.9282, 0.3990,
0.4567

81.3752, 0.2948,
0.3059

65.7948, 0.4108,
0.4726

82.2234, 0.2949,
0.3075

64.7779, 0.4201,
0.4844

83.0787, 0.2949,
0.3091

63.8653, 0.4267,
0.4918

83.9413, 0.2949,
0.3106

63.0408, 0.4306,
0.4950

84.8111, 0.2949,
0.3121

Harmonies

Analogous

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



74.6723, 0.3294, 0.3424



74.6723, 0.3233, 0.3452



74.6723, 0.3145, 0.3435

Triad

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



74.6723, 0.3233, 0.3452



74.6723, 0.2949, 0.3214



74.6723, 0.3201, 0.3205

Complementary

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



74.6723, 0.3233, 0.3452



65.8241, 0.3019, 0.3123

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.



74.6723, 0.3108, 0.3151



74.6723, 0.3233, 0.3452



74.6723, 0.2963, 0.3155

Square

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



74.6723, 0.3233, 0.3452



74.6723, 0.2981, 0.3296



74.6723, 0.3021, 0.3132



74.6723, 0.3275, 0.3282

Rectangle

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



74.6723, 0.3233, 0.3452



74.6723, 0.3082, 0.3401



74.6723, 0.3021, 0.3132



74.6723, 0.3171, 0.3184

Sweetspot

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



74.6756, 0.3233, 0.3452



99.4607, 0.3157, 0.3335



66.9850, 0.3240, 0.3279



21.2944, 0.3155, 0.3333



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.



74.6756, 0.3233, 0.3452



97.6437, 0.3263, 0.3498



74.1501, 0.3183, 0.3466



15.8660, 0.3269, 0.3507



35.8844, 0.4313, 0.4957



2.5348, 0.4293, 0.4973

Inverse Universe

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



65.8241, 0.3019, 0.3123



82.9847, 0.2987, 0.3073



66.3406, 0.3069, 0.3113



13.3882, 0.2981, 0.3064



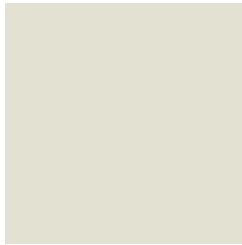
3.3870, 0.1512, 0.0644



0.2867, 0.1547, 0.0768

Previews

White Background



This preview shows how the Yxy color 74.6723, 0.3233, 0.3452 looks on a white background.

Color Contrast Check

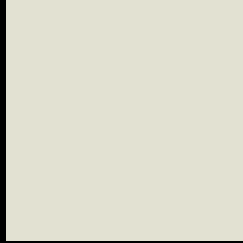
Large Text (above 18pt) WCAG AA × Fail

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 74.6723, 0.3233, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

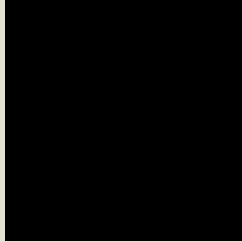
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

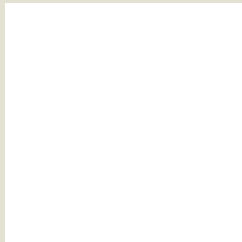
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6723, 0.3233, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 74.6723, 0.3233, 0.3452.

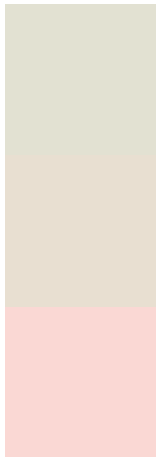


This preview shows how white text looks on a background with the Yxy color 74.6723, 0.3233, 0.3452.

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

74.6723, 0.3233, 0.3452

Protanopia

74.5346, 0.3285, 0.3440

Deuteranopia

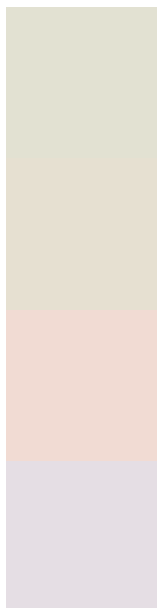
74.1892, 0.3407, 0.3332



Tritanopia

74.7089, 0.3080, 0.3112

Trichromacy



Original Color

74.6723, 0.3233, 0.3452

Protanomaly

74.7378, 0.3269, 0.3451

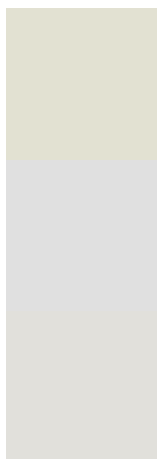
Deuteranomaly

74.0670, 0.3343, 0.3375

Tritanomaly

74.5020, 0.3137, 0.3227

Monochromacy



Original Color

74.6723, 0.3233, 0.3452

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4333, 0.3167, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6723, 0.3233, 0.3452 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(226, 225, 210)` looks like.

```
.text, #text, p{  
  color:rgb(226, 225, 210)  
}
```

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(226, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 210) }
```

Border

The CSS property to change the border of an element to Yxy 74.6723, 0.3233, 0.3452 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(226, 225, 210) }
```

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

```
.border{ border-color:rgb(226, 225, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 225, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 225, 210); box-shadow:4px 4px 4px 4px rgb(226, 225, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6723, 0.3233, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 210) }
```

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

```
.background{ background-color: rgb(226,  
225, 210) }
```

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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