

Converting Colors

XYZ(67.4356, 73.9579, 50.9001)

Have a look what the booklet for
XYZ(67.4356, 73.9579, 50.9001)
contains.

XYZ(67.1983, 73.7294, 50.7339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.1983, 73.7294,
50.7339)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1AE
RGB	230, 225, 174
RGB Percent	90%, 88%, 68%
CMY	0.0980, 0.1176, 0.3176
CMYK	0.00, 0.02, 0.24, 0.10
HSL	55°, 53%, 79%
HSV	55°, 24%, 90%
XYZ	67.1983, 73.7294, 50.7339
YIQ	220.6810, 19.3510, -14.8010

Conversions

Conversions Part 2

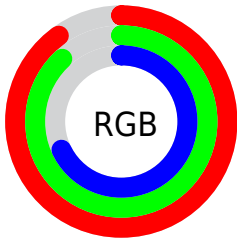
Format	Color
RYB	179, 230, 174
Decimal	15131054
CIELab	88.79, -6.27, 25.63
CIELCh	89, 26.385, 103.754
Yxy	73.7294, 0.3506, 0.3847
Android (android.graphics.Color)	4293321134 (0xFFE6E1AE)
YUV	220.6810, -23.0137, 8.1728
Hunter-Lab	85.8658, -10.5717, 25.0745

Details

The XYZ color **67.1983, 73.7294, 50.7339** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8584, 46.9509, 81.4032**, and the grayscale version is **68.6519, 72.2271, 78.6553**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **35.2815, 39.1286, 23.7822** is the 20% darker color. If you saturate the color by 10%, you get **64.5948, 71.8085, 39.7349**, and if you desaturate by 10%, it is **70.1963, 75.8238, 63.7603**.

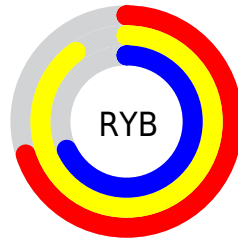
Distribution



Red (90%)

Green (88%)

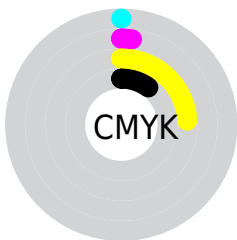
Blue (68%)



Red (70%)

Yellow (90%)

Blue (68%)

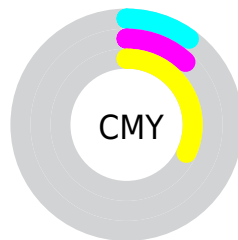


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1983, 73.7294, 50.7339 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 XYZ color 67.1983, 73.7294, 50.7339 by changing the saturation by 10% instead.

■ 67.1983, 73.7294,
50.7339

■ 67.1983, 73.7294,
50.7339

440.0717,
473.5389, 406.3460

■ 49.5171, 54.5726,
35.6216

■ 114.2527,
124.5121, 92.6688

■ 35.2461, 39.0596,
23.8547

144.3567,
156.9069, 120.3285

■ 24.0199, 26.8061,
15.0147

179.3322,
194.4830, 153.0077

■ 15.4732, 17.4277,
8.6830

219.5447,
237.6250, 191.1250

■ 9.2406, 10.5399,
4.4410

265.3596,
286.7171, 235.0990

■ 4.9568, 5.7584,
1.8703

317.1421,

■ 2.2564, 2.6987,

342.1439, 285.3481

0.4737

375.2577,
404.2897, 342.2909

■ 0.7722, 0.9765,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1983, 73.7294,
50.7339

■ 67.1983, 73.7294,
50.7339

■ 64.5948, 71.8085,
39.7349

■ 70.1963, 75.8238,
63.7603

■ 62.3605, 70.0433,
30.6557

■ 73.6012, 78.0892,
78.9052


■ 60.4760, 68.4287,
23.3858

■ 77.4319, 80.5357,
96.2596

■ 58.9177, 66.9551,
17.8014


■ 79.8820, 82.4406,
106.3101


 57.6593, 65.6119,
13.7633


 80.4668, 83.6103,
106.5051


 56.6699, 64.3869,
11.1103


 81.0584, 84.7935,
106.7023

 55.9124, 63.2650,
9.6453

 81.6569, 85.9903,
106.9017

 55.5533, 62.6631,
9.1672

 82.2621, 87.2007,
107.1035

 82.8741, 88.4249,
107.3075

Harmonies

Analogous

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



73.5696, 73.7294, 51.0260



67.1983, 73.7294, 50.7339



61.9235, 73.7294, 57.4604

Triad

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



67.1983, 73.7294, 50.7339



61.5763, 73.7294, 107.1398



82.5410, 73.7294, 90.5255

Complementary

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



67.1983, 73.7294, 50.7339



47.8584, 46.9509, 81.4032

Split Complementary

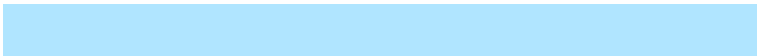
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9178, 73.7294, 108.4564



67.1983, 73.7294, 50.7339



66.6978, 73.7294, 118.9994

Square

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



67.1983, 73.7294, 50.7339



58.8134, 73.7294, 88.9341



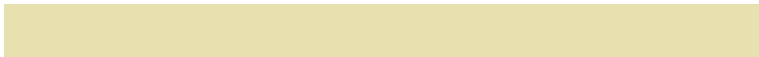
73.0380, 73.7294, 119.5149



82.6953, 73.7294, 72.2041

Rectangle

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



67.1983, 73.7294, 50.7339



59.6303, 73.7294, 65.7084



73.0380, 73.7294, 119.5149



81.6789, 73.7294, 96.8580

Sweetspot

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



67.2002, 73.7327, 50.7355



91.8022, 97.8916, 94.2922



55.9674, 50.3750, 49.7412



19.5922, 20.9151, 19.9266



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

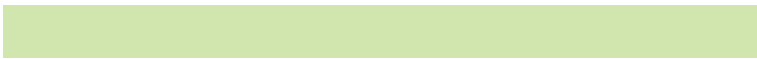
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2002, 73.7327, 50.7355



83.2775, 91.9820, 57.1081



61.8375, 73.0020, 50.8771



15.4859, 16.5857, 15.2896



31.4977, 35.5695, 5.2055



2.3600, 2.6932, 0.3955

Inverse Universe

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



47.8584, 46.9509, 81.4032



55.0254, 52.8650, 101.9116



52.2889, 47.7758, 81.3289



13.6857, 14.0927, 18.1432



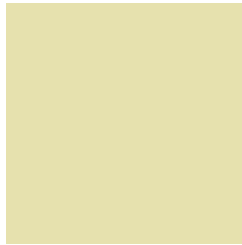
8.2703, 3.6027, 42.6427



0.6469, 0.3378, 3.1631

Previews

White Background



This preview shows how the XYZ color 67.1983, 73.7294, 50.7339 looks on a white background.

Color Contrast Check

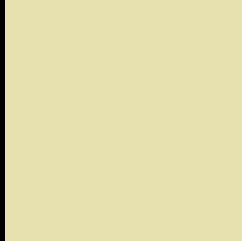
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.1983, 73.7294, 50.7339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

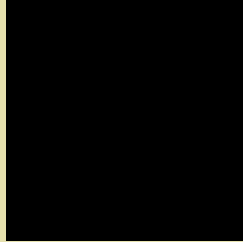
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

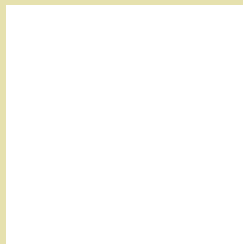
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1983, 73.7294, 50.7339

Background



This preview shows how black text looks on a background with the XYZ color 67.1983, 73.7294, 50.7339.



This preview shows how white text looks on a background with the XYZ color 67.1983, 73.7294,

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

67.1983, 73.7294, 50.7339

Protanopia

69.1904, 73.9696, 50.1660

Deuteranopia

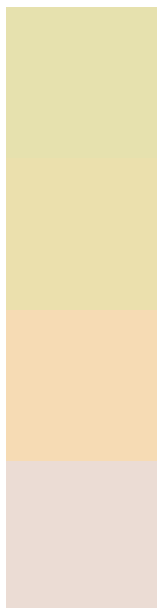
74.1922, 73.3216, 55.5895



Tritanopia

74.9240, 73.7434, 88.1269

Trichromacy



Original Color

67.1983, 73.7294, 50.7339

Protanomaly

68.4594, 73.9906, 50.2086

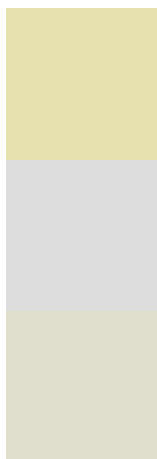
Deuteranomaly

71.5758, 73.5512, 53.6044

Tritanomaly

71.7378, 73.6020, 72.7130

Monochromacy



Original Color

67.1983, 73.7294, 50.7339

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.7608, 72.4495, 67.5395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1983, 73.7294, 50.7339 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(230, 225, 174)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 174)  
}
```

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(230, 225, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 174) }
```

Border

The CSS property to change the border of an element to XYZ 67.1983, 73.7294, 50.7339 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(230, 225, 174) }
```


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

```
.border{ border-color:rgb(230, 225, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 225, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 225, 174); box-shadow:4px 4px 4px 4px rgb(230, 225, 174) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1983, 73.7294, 50.7339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 174) }
```

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

```
.background{ background-color: rgb(230,  
225, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor