

Converting Colors

XYZ(68.7041, 74.7063, 53.4113)

Have a look what the booklet for
XYZ(68.7041, 74.7063, 53.4113)
contains.

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Color

**XYZ(68.9373, 74.9710,
53.4853)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E2B3
RGB	233, 226, 179
RGB Percent	91%, 89%, 70%
CMY	0.0863, 0.1137, 0.2980
CMYK	0.00, 0.03, 0.23, 0.09
HSL	52°, 55%, 81%
HSV	52°, 23%, 91%
XYZ	68.9373, 74.9710, 53.4853
YIQ	222.7350, 19.2590, -13.1330

Conversions

Conversions Part 2

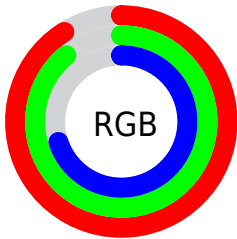
Format	Color
RYB	187, 233, 179
Decimal	15327923
CIELab	89.38, -4.98, 23.88
CIELCh	89, 24.398, 101.789
Yxy	74.9710, 0.3492, 0.3798
Android (android.graphics.Color)	4293518003 (0xFFE9E2B3)
YUV	222.7350, -21.5614, 9.0024
Hunter-Lab	86.5858, -9.4082, 23.9858

Details

The XYZ color **68.9373, 74.9710, 53.4853** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.8571, 50.5835, 84.1743**, and the grayscale version is **70.0914, 73.7416, 80.3046**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **36.4603, 39.9793, 25.5338** is the 20% darker color. If you saturate the color by 10%, you get **65.9643, 72.4827, 41.8342**, and if you desaturate by 10%, it is **72.3268, 77.6542, 67.2415**.

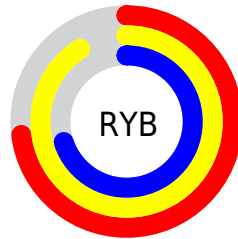
Distribution



Red (91%)

Green (89%)

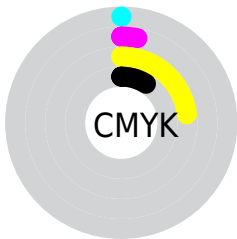
Blue (70%)



Red (73%)

Yellow (91%)

Blue (70%)

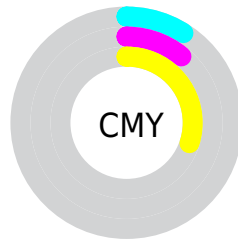


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9373, 74.9710, 53.4853 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 68.9373, 74.9710, 53.4853 by changing the saturation by 10% instead.

68.9373, 74.9710,
53.4853

68.9373, 74.9710,
53.4853

446.1346,
477.8179, 417.2632

50.9371, 55.5891,
37.7999

116.7266,
126.2713, 96.7669

36.3794, 39.8736,
25.5268

147.2464,
158.9585, 125.2002

24.8988, 27.4400,
16.2474

182.6701,
196.8497, 158.7199

16.1300, 17.9040,
9.5432

223.3630,
240.3291, 197.7445

9.7076, 10.8811,
4.9955

269.6906,
289.7813, 242.6926

5.2663, 5.9869,
2.1859

322.0182,

2.4407, 2.8371,

345.5905, 293.9828

0.6662

380.7111,
408.1413, 352.0334

■ 0.8655, 1.0473,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.9373, 74.9710,
53.4853

■ 68.9373, 74.9710,
53.4853

■ 65.9643, 72.4827,
41.8342

■ 72.3268, 77.6542,
67.2415

■ 63.3821, 70.1711,
32.1780

■ 76.1458, 80.5298,
83.1960

■ 61.1706, 68.0307,
24.4040

■ 80.4136, 83.6083,
101.4423

■ 59.3058, 66.0518,
18.3858

■ 82.2518, 85.7385,
106.8218

■ 57.7609, 64.2234,
13.9820

■ 83.1383, 87.5115,
107.1173

■ 56.5048, 62.5331,
11.0290

■ 84.0396, 89.3141,
107.4177

■ 55.4996, 60.9655,
9.3288

■ 84.9558, 91.1465,
107.7231

■ 54.9177, 59.9502,
8.6771

■ 85.8870, 93.0088,
108.0335

■ 86.8331, 94.9011,
108.3489

Harmonies

Analogous

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



74.9067, 74.9710, 54.2078



68.9373, 74.9710, 53.4853



63.8764, 74.9710, 59.4844

Triad

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



68.9373, 74.9710, 53.4853



63.0346, 74.9710, 105.5648



82.7312, 74.9710, 92.3451

Complementary

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



68.9373, 74.9710, 53.4853



50.8571, 50.5835, 84.1743

Split Complementary

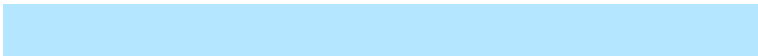
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1868, 74.9710, 108.6869



68.9373, 74.9710, 53.4853



67.7291, 74.9710, 117.0230

Square

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



68.9373, 74.9710, 53.4853



60.5980, 74.9710, 88.5356



73.6296, 74.9710, 118.2394



83.0995, 74.9710, 75.0944

Rectangle

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



68.9373, 74.9710, 53.4853



61.6104, 74.9710, 67.0512



73.6296, 74.9710, 118.2394



81.8628, 74.9710, 98.1838

Sweetspot

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



68.9393, 74.9744, 53.4869



91.5748, 97.4368, 94.2164



58.6093, 53.1185, 53.7308



19.5393, 20.8094, 19.9090



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

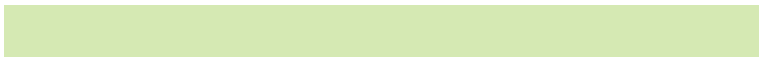
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.9393, 74.9744, 53.4869



82.7300, 90.4643, 58.2289



64.7748, 75.7091, 53.8482



16.1758, 17.2747, 16.0005



31.2262, 34.1466, 4.9452



2.4984, 2.7741, 0.4038

Inverse Universe

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



50.8571, 50.5835, 84.1743



56.7580, 55.4341, 102.3161



54.3291, 50.2392, 83.9248



14.3885, 14.8634, 19.0328



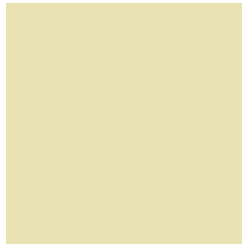
8.6611, 3.9692, 44.0526



0.7306, 0.4127, 3.4760

Previews

White Background



This preview shows how the XYZ color 68.9373, 74.9710, 53.4853 looks on a white background.

Color Contrast Check

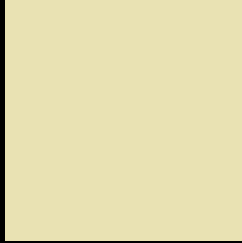
Large Text (above 18pt) WCAG AA × Fail

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 68.9373, 74.9710, 53.4853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

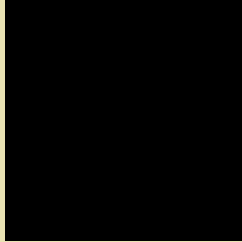
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9373, 74.9710, 53.4853

Background



This preview shows how black text looks on a background with the XYZ color 68.9373, 74.9710, 53.4853.



This preview shows how white text looks on a background with the XYZ color 68.9373, 74.9710,

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

68.9373, 74.9710, 53.4853

Protanopia

70.2881, 74.8764, 52.8675

Deuteranopia

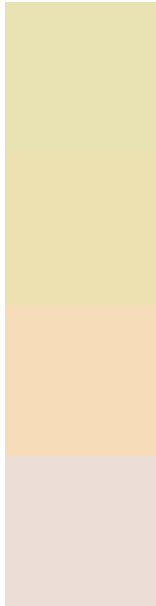
75.3471, 74.6034, 59.1439



Tritanopia

76.0020, 74.6662, 89.0035

Trichromacy



Original Color

68.9373, 74.9710, 53.4853

Protanomaly

69.8861, 75.0693, 52.9259

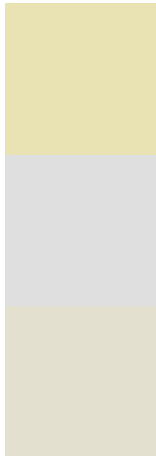
Deuteranomaly

72.8139, 74.5057, 56.9977

Tritanomaly

73.0472, 74.6237, 74.8438

Monochromacy



Original Color

68.9373, 74.9710, 53.4853

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.5967, 74.1472, 69.6752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9373, 74.9710, 53.4853 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(233, 226, 179)` looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 179)  
}
```

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(233, 226, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 179) }
```

Border

The CSS property to change the border of an element to XYZ 68.9373, 74.9710, 53.4853 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(233, 226, 179) }
```


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

```
.border{ border-color:rgb(233, 226, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 179);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9373, 74.9710, 53.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 179) }
```

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

```
.background{ background-color: rgb(233,  
226, 179) }
```

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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