

Converting Colors

XYZ(67.6285, 73.8987, 52.6049)

Have a look what the booklet for
XYZ(67.6285, 73.8987, 52.6049)
contains.

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Color

**XYZ(67.5942, 73.8878,
52.8186)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1B2
RGB	230, 225, 178
RGB Percent	90%, 88%, 70%
CMY	0.0980, 0.1176, 0.3020
CMYK	0.00, 0.02, 0.23, 0.10
HSL	54°, 51%, 80%
HSV	54°, 23%, 90%
XYZ	67.5942, 73.8878, 52.8186
YIQ	221.1370, 18.0670, -13.5570

Conversions

Conversions Part 2

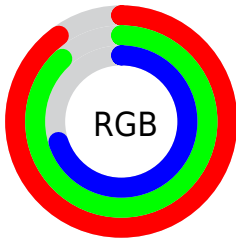
Format	Color
RYB	184, 230, 178
Decimal	15131058
CIELab	88.87, -5.72, 23.66
CIELCh	89, 24.345, 103.597
Yxy	73.8878, 0.3479, 0.3803
Android (android.graphics.Color)	4293321138 (0xFFE6E1B2)
YUV	221.1370, -21.2665, 7.7729
Hunter-Lab	85.9580, -10.0607, 23.7387

Details

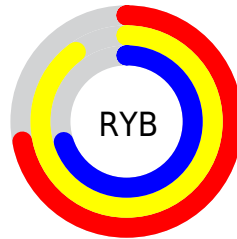
The XYZ color **67.5942, 73.8878, 52.8186** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.5762, 49.0438, 81.7166**, and the grayscale version is **68.9609, 72.5522, 79.0094**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **35.5320, 39.2288, 25.1012** is the 20% darker color. If you saturate the color by 10%, you get **64.8832, 71.8565, 41.4611**, and if you desaturate by 10%, it is **70.7040, 76.0961, 66.2210**.

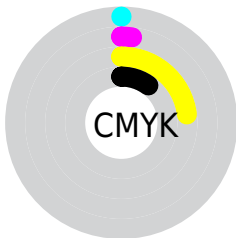
Distribution



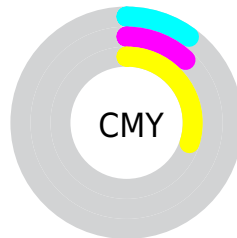
- Red (90%)
- Green (88%)
- Blue (70%)



- Red (72%)
- Yellow (90%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5942, 73.8878, 52.8186 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 67.5942, 73.8878, 52.8186 by changing the saturation by 10% instead.

■ 67.5942, 73.8878,
52.8186

■ 67.5942, 73.8878,
52.8186

441.4562,
474.0860, 414.6353

■ 49.8401, 54.7022,
37.2712

■ 114.8165,
124.7367, 95.7762

■ 35.5037, 39.1634,
25.1201

145.0155,
157.1689, 124.0236

■ 24.2194, 26.8868,
15.9468

180.0935,
194.7853, 157.3413

■ 15.6221, 17.4882,
9.3325

220.4159,
237.9705, 196.1481

■ 9.3463, 10.5832,
4.8589

266.3480,
287.1088, 240.8623

■ 5.0266, 5.7873,
2.1075

318.2552,

■ 2.2978, 2.7162,

342.5845, 291.9025

0.6202

376.5028,
404.7821, 349.6874

■ 0.7936, 0.9854,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5942, 73.8878,
52.8186

■ 67.5942, 73.8878,
52.8186

■ 64.8832, 71.8565,
41.4611

■ 70.7040, 76.0961,
66.2210

■ 62.5459, 69.9844,
32.0423

■ 74.2249, 78.4787,
81.7582

■ 60.5633, 68.2665,
24.4532

■ 78.1756, 81.0456,
99.5203

■ 58.9123, 66.6935,
18.5726

■ 80.0613, 82.7991,
106.3699

■ 57.5670, 65.2549,
14.2642

■ 80.6936, 84.0637,
106.5807

■ 56.4976, 63.9388,
11.3713

■ 81.3338, 85.3441,
106.7941

■ 55.6681, 62.7308,
9.7046

■ 81.9819, 86.6403,
107.0101

■ 55.1669, 61.8903,
9.0384

■ 82.6379, 87.9524,
107.2288

■ 83.3019, 89.2803,
107.4501

Harmonies

Analogous

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



73.4814, 73.8878, 53.1303



67.5942, 73.8878, 52.8186



62.6905, 73.8878, 59.1371

Triad

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



67.5942, 73.8878, 52.8186



62.3270, 73.8878, 105.0055



81.6853, 73.8878, 89.9814

Complementary

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



67.5942, 73.8878, 52.8186



49.5762, 49.0438, 81.7166

Split Complementary

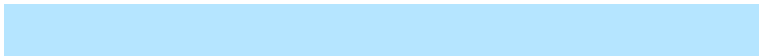
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3470, 73.8878, 106.3551



67.5942, 73.8878, 52.8186



67.0723, 73.8878, 115.8253

Square

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



67.5942, 73.8878, 52.8186



59.7665, 73.8878, 88.3354



72.9296, 73.8878, 116.3512



81.8445, 73.8878, 73.0508

Rectangle

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



67.5942, 73.8878, 52.8186



60.5472, 73.8878, 66.8485



72.9296, 73.8878, 116.3512



80.8896, 73.8878, 95.7845

Sweetspot

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



67.5961, 73.8911, 52.8202



91.7635, 97.8142, 94.2793



57.1223, 52.0919, 51.9540



19.5832, 20.8971, 19.9236



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.



67.5961, 73.8911, 52.8202



83.8054, 92.1845, 59.9144



62.6844, 73.3929, 52.9829



15.4771, 16.5680, 15.2867



31.2820, 35.1382, 5.1336



2.3462, 2.6657, 0.3909

Inverse Universe

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



49.5762, 49.0438, 81.7166



57.3538, 55.7131, 102.3386



53.7042, 49.6697, 81.6199



13.6936, 14.1086, 18.1458



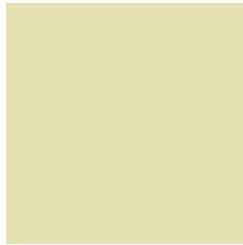
8.2889, 3.6399, 42.6489



0.6507, 0.3454, 3.1643

Previews

White Background



This preview shows how the XYZ color 67.5942, 73.8878, 52.8186 looks on a white background.

Color Contrast Check

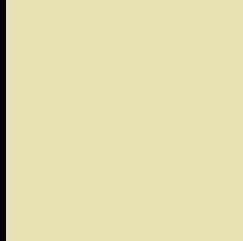
Large Text (above 18pt) WCAG AA × Fail

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 67.5942, 73.8878, 52.8186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

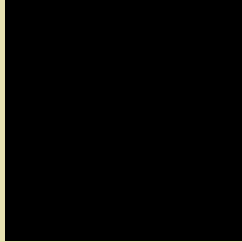
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5942, 73.8878, 52.8186

Background



This preview shows how black text looks on a background with the XYZ color 67.5942, 73.8878, 52.8186.



This preview shows how white text looks on a background with the XYZ color 67.5942, 73.8878,

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

67.5942, 73.8878, 52.8186

Protanopia

69.2485, 73.9542, 52.2198

Deuteranopia

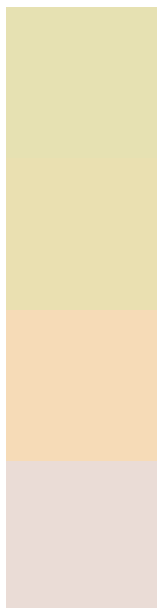
74.6588, 73.9169, 56.7868



Tritanopia

74.5892, 73.5707, 88.1112

Trichromacy



Original Color

67.5942, 73.8878, 52.8186

Protanomaly

68.5232, 73.9781, 52.2626

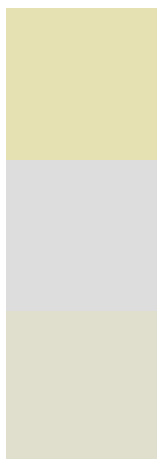
Deuteranomaly

71.8848, 73.6748, 55.2317

Tritanomaly

71.6625, 73.5339, 74.0348

Monochromacy



Original Color

67.5942, 73.8878, 52.8186

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.8812, 72.4976, 68.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5942, 73.8878, 52.8186 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 178) }
```

Border

The CSS property to change the border of an element to XYZ 67.5942, 73.8878, 52.8186 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, 178) }
```


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

```
.border{ border-color:rgb(230, 225, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5942, 73.8878, 52.8186 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, 178) }
```

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

```
.background{ background-color: rgb(230,  
225, 178) }
```

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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