

Converting Colors

XYZ(74.1227, 80.7044, 73.5722)

Have a look what the booklet for
XYZ(74.1227, 80.7044, 73.5722)
contains.

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Color

**XYZ(73.8138, 80.3718,
73.2509)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EAD3
RGB	230, 234, 211
RGB Percent	90%, 92%, 83%
CMY	0.0980, 0.0823, 0.1725
CMYK	0.02, 0.00, 0.10, 0.08
HSL	70°, 35%, 87%
HSV	70°, 10%, 92%
XYZ	73.8138, 80.3718, 73.2509
YIQ	230.1820, 4.9990, -8.0010

Conversions

Conversions Part 2

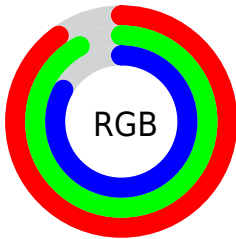
Format	Color
R _Y B	211, 234, 215
Decimal	15133395
CIE Lab	91.85, -5.29, 10.70
CIE LCh	92, 11.940, 116.287
Yxy	80.3718, 0.3245, 0.3534
Android (android.graphics.Color)	4293323475 (0xFFE6EAD3)
YUV	230.1820, -9.4567, -0.1596
Hunter-Lab	89.6503, -9.9197, 14.3109

Details

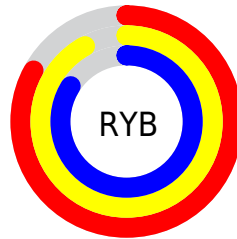
The XYZ color **73.8138, 80.3718, 73.2509** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **66.1730, 66.9783, 87.2866**, and the grayscale version is **75.4156, 79.3431, 86.4046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3767, 43.2398, 37.7232** is the 20% darker color. If you saturate the color by 10%, you get **69.7998, 78.6196, 58.8481**, and if you desaturate by 10%, it is **78.2899, 82.3177, 89.9079**.

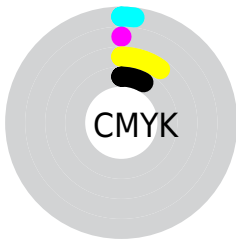
Distribution



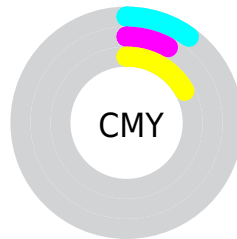
- Red (90%)
- Green (92%)
- Blue (83%)



- Red (83%)
- Yellow (92%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8138, 80.3718, 73.2509 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 73.8138, 80.3718, 73.2509 by changing the saturation by 10% instead.

■ 73.8138, 80.3718,
73.2509

■ 73.8138, 80.3718,
73.2509

462.8907,
496.1849, 490.9780

■ 54.9324, 60.0244,
53.6881

123.6287,
133.8883, 125.5575

■ 39.5812, 43.4383,
37.9609

155.2930,
167.8262, 159.1384

■ 27.3949, 30.2291,
25.6507

191.9489,
207.0630, 198.2291

■ 18.0082, 20.0126,
16.3391

233.9618,
251.9832, 243.2481

■ 11.0556, 12.4042,
9.6075

281.6971,
302.9710, 294.6140

■ 6.1718, 7.0196,
5.0373

335.5201,

■ 2.9915, 3.4743,

360.4110, 352.7452

2.2100

395.7962,
424.6875, 418.0604

■ 1.1493, 1.3841,
0.6802

■ 0.0657, 0.2050,
0.0000

■ 73.8138, 80.3718,
73.2509

■ 73.8138, 80.3718,
73.2509

■ 69.7998, 78.6196,
58.8481

■ 78.2899, 82.3177,
89.9079

■ 66.2228, 77.0430,
46.5975

■ 82.7843, 84.2718,
106.5106

■ 63.0649, 75.6375,
36.3970

■ 84.1688, 84.9855,
106.5754

■ 60.3047, 74.3946,
28.1342

■ 85.5844, 85.7153,
106.6417

■ 57.9185, 73.3047,
21.6860

■ 87.0315, 86.4613,
106.7094

■ 55.8801, 72.3574,
16.9150

■ 88.5101, 87.2235,
106.7786

■ 54.1594, 71.5405,
13.6645

■ 88.7145, 87.3289,
106.7882

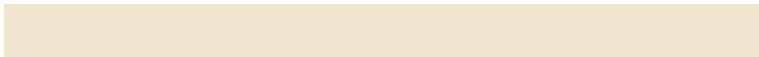
■ 52.7209, 70.8399,
11.7479

■ 51.5050, 70.2316,
10.8528

Harmonies

Analogous

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



76.7728, 80.3718, 71.7445



73.8138, 80.3718, 73.2509



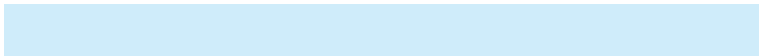
71.5987, 80.3718, 78.4846

Triad

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



73.8138, 80.3718, 73.2509



73.1704, 80.3718, 102.2956



82.4164, 80.3718, 88.6073

Complementary

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



73.8138, 80.3718, 73.2509



66.1730, 66.9783, 87.2866

Split Complementary

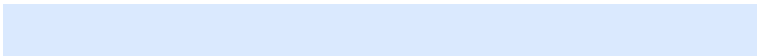
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3925, 80.3718, 97.2047



73.8138, 80.3718, 73.2509



76.0105, 80.3718, 105.4337

Square

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



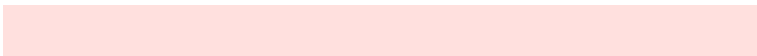
73.8138, 80.3718, 73.2509



71.2343, 80.3718, 95.1910



79.0275, 80.3718, 103.5117



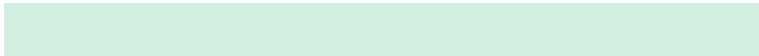
81.7907, 80.3718, 80.2560

Rectangle

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



73.8138, 80.3718, 73.2509



70.8143, 80.3718, 83.5757



79.0275, 80.3718, 103.5117



82.2530, 80.3718, 91.5684

Sweetspot

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



73.8160, 80.3753, 73.2526



93.3543, 99.2653, 102.5190



69.9503, 70.7139, 71.5915



19.8865, 21.2056, 21.5875



0.0000, 0.0000, 0.0000



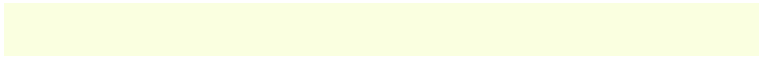
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8160, 80.3753, 73.2526



88.5761, 97.1872, 84.8963



70.2967, 78.5610, 73.0879



16.0797, 17.4866, 16.0465



29.0256, 39.5077, 6.0959



2.3468, 3.1372, 0.4818

Inverse Universe

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



66.1730, 66.9783, 87.2866



77.3589, 77.5245, 105.4942



69.6169, 68.7537, 87.4478



14.4756, 14.6750, 18.9919



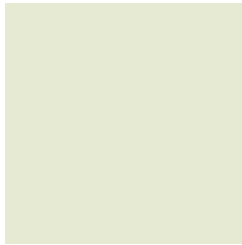
8.9264, 3.6377, 43.9746



0.7720, 0.3223, 3.4564

Previews

White Background



This preview shows how the XYZ color 73.8138, 80.3718, 73.2509 looks on a white background.

Color Contrast Check

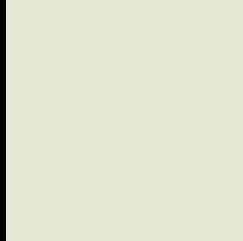
Large Text (above 18pt) WCAG AA × Fail

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 73.8138, 80.3718, 73.2509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

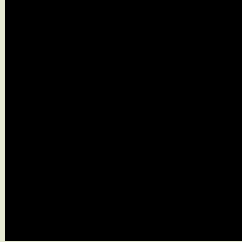
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

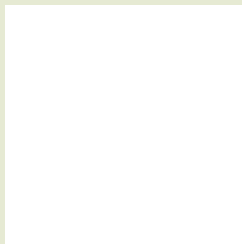
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8138, 80.3718, 73.2509

Background



This preview shows how black text looks on a background with the XYZ color 73.8138, 80.3718, 73.2509.

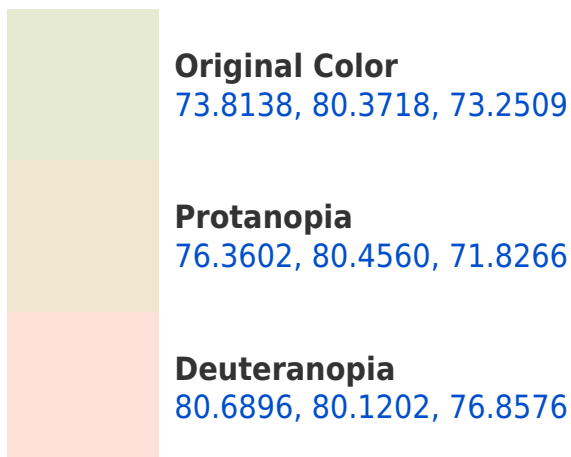


This preview shows how white text looks on a background with the XYZ color 73.8138, 80.3718,

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

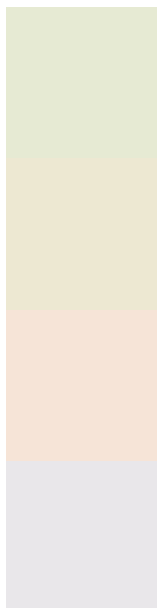




Tritanopia

79.0688, 80.4162, 99.3502

Trichromacy



Original Color

73.8138, 80.3718, 73.2509

Protanomaly

75.4145, 80.3709, 72.5111

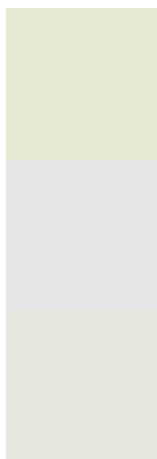
Deuteranomaly

78.0152, 79.9859, 75.6170

Tritanomaly

77.0315, 80.4160, 89.3037

Monochromacy



Original Color

73.8138, 80.3718, 73.2509

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5283, 79.3025, 81.1909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8138, 80.3718, 73.2509 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, 234, 211) looks like.

```
.text, #text, p{  
    color:rgb(230, 234, 211)  
}
```

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, 234, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 234, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.8138, 80.3718, 73.2509 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, 234, 211) }
```


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

```
.border{ border-color:rgb(230, 234, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 234, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 234, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 234, 211);  
box-shadow:4px 4px 4px 4px rgb(230, 234,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8138, 80.3718, 73.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 234, 211) }
```

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

```
.background{ background-color: rgb(230,  
234, 211) }
```

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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