

Converting Colors

XYZ(72.8278, 72.8181, 74.4926)

Have a look what the booklet for
XYZ(72.8278, 72.8181, 74.4926)
contains.

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Color

**XYZ(73.0138, 73.0573,
74.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9D7
RGB	240, 217, 215
RGB Percent	94%, 85%, 84%
CMY	0.0588, 0.1490, 0.1569
CMYK	0.00, 0.10, 0.10, 0.06
HSL	5°, 45%, 89%
HSV	5°, 10%, 94%
XYZ	73.0138, 73.0573, 74.5432
YIQ	223.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

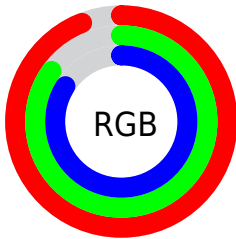
Format	Color
R _Y B	240, 217, 215
Decimal	15784407
CIE Lab	88.48, 7.60, 3.86
CIE LCh	88, 8.523, 26.922
Yxy	73.0573, 0.3310, 0.3312
Android (android.graphics.Color)	4293974487 (0xFFFF0D9D7)
YUV	223.6490, -4.2640, 14.3398
Hunter-Lab	85.4736, 2.9007, 8.1235

Details

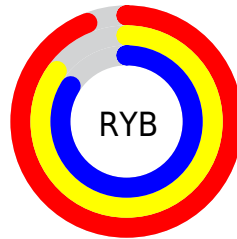
The XYZ color **73.0138, 73.0573, 74.5432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3267, 81.8859, 94.3270**, and the grayscale version is **70.6251, 74.3031, 80.9160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0327, 38.5691, 38.6450** is the 20% darker color. If you saturate the color by 10%, you get **64.8391, 61.2859, 57.7030**, and if you desaturate by 10%, it is **82.4062, 86.5384, 94.0229**.

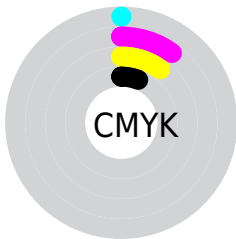
Distribution



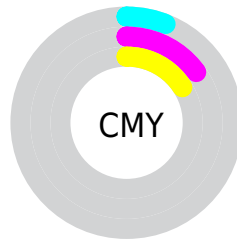
- Red (94%)
- Green (85%)
- Blue (84%)



- Red (94%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0138, 73.0573, 74.5432 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 73.0138, 73.0573, 74.5432 by changing the saturation by 10% instead.


 73.0138, 73.0573,
74.5432

 73.0138, 73.0573,
74.5432


460.1657,
471.2134, 495.5595

 54.2757, 54.0228,
54.7393


122.4998,
123.5586, 127.4067

 39.0536, 38.6199,
38.7958


153.9784,
155.7941, 161.3033

 26.9824, 26.4642,
26.2943


190.4346,
193.1988, 200.7346

 17.6965, 17.1712,
16.8162

232.2336,
236.1571, 246.1190

 10.8307, 10.3566,
9.9430

279.7409,
285.0533, 297.8752

 6.0195, 5.6361,
5.2561

333.3217,

 2.8977, 2.6251,

340.2718, 356.4216

2.3369

393.3416,
402.1970, 422.1769

■ 1.0999, 0.9393,
0.7518

■ 0.0251, 0.0000,
0.0000

■ 73.0138, 73.0573,
74.5432

■ 73.0138, 73.0573,
74.5432

■ 64.8391, 61.2859,
57.7030

■ 82.4062, 86.5384,
94.0229

■ 57.8263, 51.1466,
43.3844

■ 89.7455, 97.2655,
108.6518

■ 51.9245, 42.5704,
31.4673

■ 47.0764, 35.4795,
21.8201

■ 43.2199, 29.7892,
14.2987

■ 40.2861, 25.4068,
8.7421

■ 38.1972, 22.2277,
4.9666

■ 36.8625, 20.1319,
2.7536

■ 36.1725, 18.9994,
1.7607

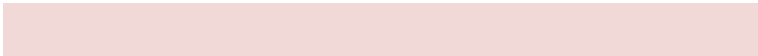
Harmonies

Analogous

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



73.4506, 73.0573, 80.1548



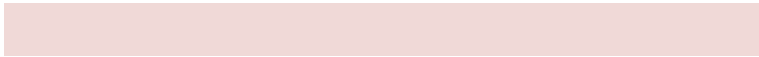
73.0138, 73.0573, 74.5432



71.6129, 73.0573, 70.4557

Triad

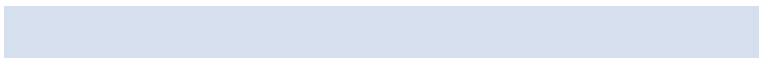
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0138, 73.0573, 74.5432



66.1872, 73.0573, 73.5421



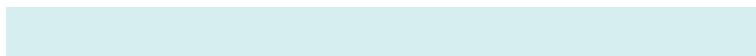
69.2273, 73.0573, 91.3633

Complementary

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



73.0138, 73.0573, 74.5432



74.3267, 81.8859, 94.3270

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.



67.3091, 73.0573, 89.3885



73.0138, 73.0573, 74.5432



65.5757, 73.0573, 78.9422

Square

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



73.0138, 73.0573, 74.5432



67.6689, 73.0573, 69.8980



65.9824, 73.0573, 84.7698



71.2393, 73.0573, 90.0455

Rectangle

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



73.0138, 73.0573, 74.5432



70.3347, 73.0573, 69.0475



65.9824, 73.0573, 84.7698



68.5505, 73.0573, 91.0603

Sweetspot

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



73.0158, 73.0605, 74.5448



91.6387, 95.1093, 101.8072



75.7182, 73.3198, 91.3081



19.4240, 20.0841, 21.3954



0.0000, 0.0000, 0.0000



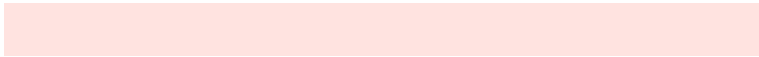
20.3446, 21.4041, 23.3091

Same Dimension

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



73.0158, 73.0605, 74.5448



82.1778, 81.5215, 82.2097



76.2673, 79.5634, 75.6286



15.8746, 15.9623, 16.3941



19.8384, 10.4748, 0.9762



1.6853, 0.9413, 0.0929

Inverse Universe

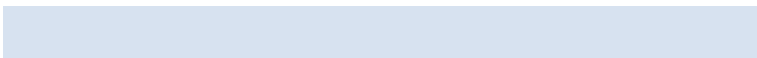
The Inverse Universe completely reimagines the original color for something new.



74.3267, 81.8859, 94.3270



83.8970, 93.0960, 108.1552



70.9045, 75.0415, 93.1863



16.1326, 17.6994, 20.2877



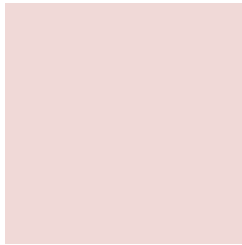
22.7756, 31.7754, 50.0607



1.9266, 2.7071, 4.1752

Previews

White Background



This preview shows how the XYZ color 73.0138, 73.0573, 74.5432 looks on a white background.

Color Contrast Check

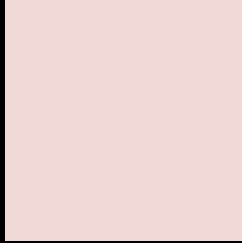
Large Text (above 18pt) WCAG AA × Fail

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 73.0138, 73.0573, 74.5432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

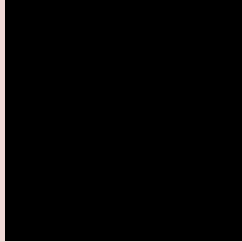
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

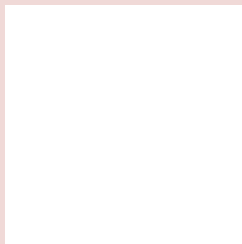
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0138, 73.0573, 74.5432

Background



This preview shows how black text looks on a background with the XYZ color 73.0138, 73.0573, 74.5432.



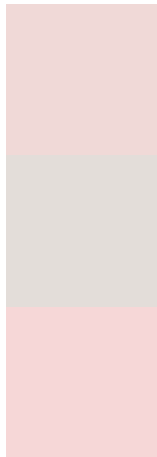
This preview shows how white text looks on a background with the XYZ color 73.0138, 73.0573,

74.5432.

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

73.0138, 73.0573, 74.5432

Protanopia

70.0594, 73.0536, 76.0539

Deuteranopia

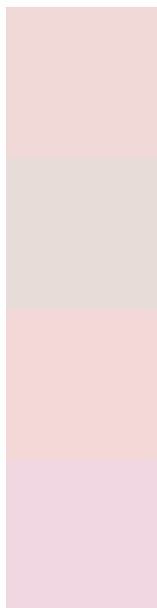
74.5722, 73.1000, 74.4693



Tritanopia

75.0883, 72.7399, 85.6839

Trichromacy



Original Color

73.0138, 73.0573, 74.5432

Protanomaly

71.2666, 73.3001, 75.3579

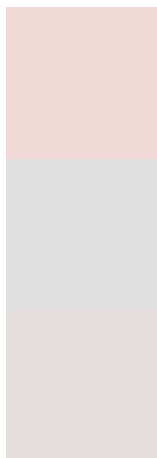
Deuteranomaly

74.1298, 73.2511, 74.5218

Tritanomaly

74.1667, 72.7379, 81.3650

Monochromacy



Original Color

73.0138, 73.0573, 74.5432

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5407, 73.7564, 78.8724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0138, 73.0573, 74.5432 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(240, 217, 215) looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 215)  
}
```

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(240, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 215) }
```

Border

The CSS property to change the border of an element to XYZ 73.0138, 73.0573, 74.5432 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(240, 217, 215) }
```


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

```
.border{ border-color:rgb(240, 217, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 217, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0138, 73.0573, 74.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 215) }
```

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

```
.background{ background-color: rgb(240,  
217, 215) }
```

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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