

Converting Colors

XYZ(72.4414, 73.3910, 77.8006)

Have a look what the booklet for
XYZ(72.4414, 73.3910, 77.8006)
contains.

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Color

**XYZ(72.5107, 73.4925,
78.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDBDC
RGB	235, 219, 220
RGB Percent	92%, 86%, 86%
CMY	0.0784, 0.1412, 0.1372
CMYK	0.00, 0.07, 0.06, 0.08
HSL	356°, 29%, 89%
HSV	356°, 7%, 92%
XYZ	72.5107, 73.4925, 78.0739
YIQ	223.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

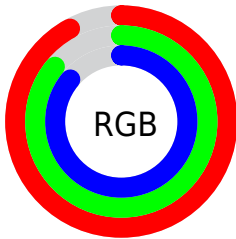
Format	Color
R _Y B	235, 219, 220
Decimal	15457244
CIE Lab	88.68, 5.65, 1.48
CIE LCh	89, 5.842, 14.632
Yxy	73.4925, 0.3236, 0.3280
Android (android.graphics.Color)	4293647324 (0xFFEBDBDC)
YUV	223.8980, -1.9217, 9.7365
Hunter-Lab	85.7278, 0.9562, 6.0129

Details

The XYZ color **72.5107, 73.4925, 78.0739** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7758, 80.4190, 89.4798**, and the grayscale version is **70.7891, 74.4757, 81.1040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6574, 38.8512, 41.0589** is the 20% darker color. If you saturate the color by 10%, you get **64.0788, 60.9951, 61.8006**, and if you desaturate by 10%, it is **82.1970, 87.8812, 96.6652**.

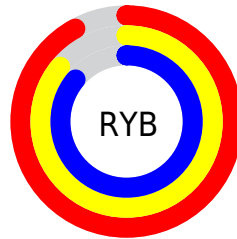
Distribution



Red (92%)

Green (86%)

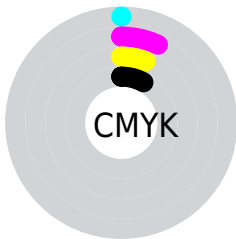
Blue (86%)



Red (92%)

Yellow (86%)

Blue (86%)

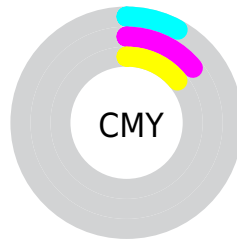


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5107, 73.4925, 78.0739 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 72.5107, 73.4925, 78.0739 by changing the saturation by 10% instead.

72.5107, 73.4925,
78.0739

72.5107, 73.4925,
78.0739

458.4473,
472.7200, 507.9523

53.8629, 54.3788,
57.6179

121.7892,
124.1761, 132.4411

38.7223, 38.9046,
41.0889

153.1507,
156.5148, 167.1894

26.7235, 26.6855,
28.0683

189.4807,
194.0306, 207.5388

17.5012, 17.3372,
18.1377

231.1447,
237.1079, 253.9079

10.6900, 10.4752,
10.8784

278.5080,
286.1311, 306.7153

5.9245, 5.7151,
5.8720

331.9360,

2.8395, 2.6726,

341.4846, 366.3795

2.6999

391.7939,
403.5527, 433.3190

■ 1.0694, 0.9633,
0.9434

■ 0.0000, 0.0000,
0.0000

■ 72.5107, 73.4925,
78.0739

■ 72.5107, 73.4925,
78.0739

■ 64.0788, 60.9951,
61.8006

■ 82.1970, 87.8812,
96.6652

■ 56.8442, 50.3012,
47.7499

■ 88.0713, 96.4024,
108.5734

■ 50.7543, 41.3305,
35.8267

■ 45.7504, 33.9928,
25.9274

■ 41.7687, 28.1899,
17.9394

■ 38.7384, 23.8128,
11.7394

■ 36.5799, 20.7382,
7.1895

■ 35.2005, 18.8222,
4.1318

■ 34.4844, 17.8819,
2.3765

Harmonies

Analogous

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



72.5015, 73.4925, 82.0979



72.5107, 73.4925, 78.0739



71.8011, 73.4925, 74.6848

Triad

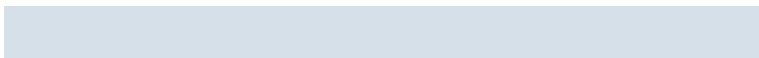
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5107, 73.4925, 78.0739



67.9635, 73.4925, 74.6175



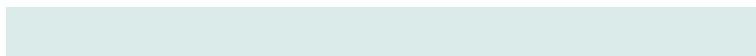
69.1358, 73.4925, 87.7499

Complementary

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



72.5107, 73.4925, 78.0739



73.7758, 80.4190, 89.4798

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.



67.9393, 73.4925, 85.6052



72.5107, 73.4925, 78.0739



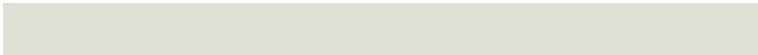
67.2687, 73.4925, 77.9791

Square

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



72.5107, 73.4925, 78.0739



69.1693, 73.4925, 72.7353



67.2599, 73.4925, 81.9999



70.5401, 73.4925, 87.7773

Rectangle

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



72.5107, 73.4925, 78.0739



71.0213, 73.4925, 73.2029



67.2599, 73.4925, 81.9999



68.6964, 73.4925, 87.2495

Sweetspot

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



72.5128, 73.4957, 78.0755



92.6840, 96.4849, 104.3599



74.2388, 74.1456, 88.9968



19.8630, 20.6885, 22.3849



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

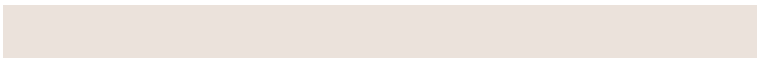
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5128, 73.4957, 78.0755



85.9554, 86.4964, 91.4232



74.2275, 77.1356, 77.9982



15.1035, 15.0693, 15.8303



19.1298, 9.8546, 1.2188



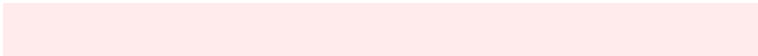
1.5155, 0.7792, 0.1663

Inverse Universe

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



72.5128, 73.4957, 78.0755



85.9554, 86.4964, 91.4232



71.9732, 76.5843, 89.5869



15.1035, 15.0693, 15.8303



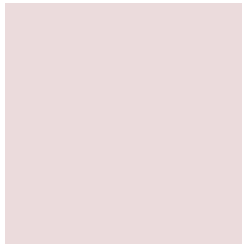
19.1298, 9.8546, 1.2188



1.5155, 0.7792, 0.1663

Previews

White Background



This preview shows how the XYZ color 72.5107, 73.4925, 78.0739 looks on a white background.

Color Contrast Check

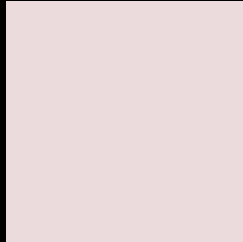
Large Text (above 18pt) WCAG AA × Fail

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 72.5107, 73.4925, 78.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

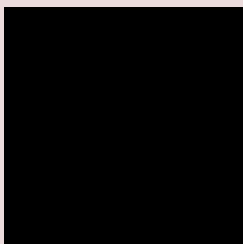
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

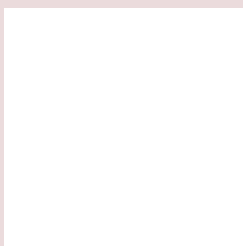
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5107, 73.4925, 78.0739

Background



This preview shows how black text looks on a background with the XYZ color 72.5107, 73.4925, 78.0739.

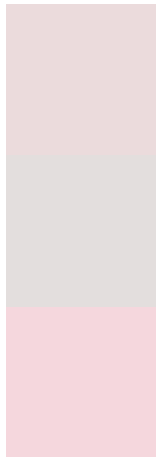


This preview shows how white text looks on a background with the XYZ color 72.5107, 73.4925,

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

72.5107, 73.4925, 78.0739

Protanopia

70.8510, 73.7939, 78.9160

Deuteranopia

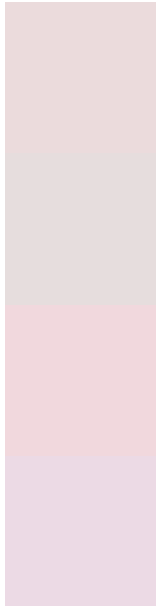
75.0078, 73.2338, 78.5888



Tritanopia

74.5892, 73.5707, 88.1112

Trichromacy



Original Color

72.5107, 73.4925, 78.0739

Protanomaly

71.5407, 73.7564, 78.8724

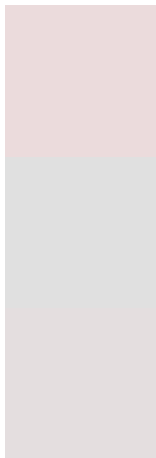
Deuteranomaly

73.8826, 73.0330, 78.6094

Tritanomaly

73.8063, 73.6328, 84.4513

Monochromacy



Original Color

72.5107, 73.4925, 78.0739

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.4355, 74.0642, 80.3428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5107, 73.4925, 78.0739 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(235, 219, 220) looks like.

```
.text, #text, p{  
    color:rgb(235, 219, 220)  
}
```

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(235, 219, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 220) }
```

Border

The CSS property to change the border of an element to XYZ 72.5107, 73.4925, 78.0739 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(235, 219, 220) }
```


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

```
.border{ border-color:rgb(235, 219, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 219, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 219, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 219, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 219,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5107, 73.4925, 78.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 220) }
```

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

```
.background{ background-color: rgb(235,  
219, 220) }
```

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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