

Converting Colors

XYZ(73.8403, 74.5174, 77.9617)

Have a look what the booklet for
XYZ(73.8403, 74.5174, 77.9617)
contains.

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Color

**XYZ(73.7714, 74.5308,
78.2079)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDCDC
RGB	238, 220, 220
RGB Percent	93%, 86%, 86%
CMY	0.0667, 0.1372, 0.1372
CMYK	0.00, 0.08, 0.08, 0.07
HSL	0°, 35%, 90%
HSV	0°, 8%, 93%
XYZ	73.7714, 74.5308, 78.2079
YIQ	225.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

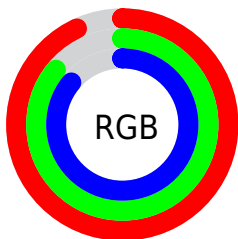
Format	Color
R _Y B	238, 220, 220
Decimal	15654108
CIE Lab	89.17, 6.17, 2.22
CIE LCh	89, 6.557, 19.784
Yxy	74.5308, 0.3257, 0.3290
Android (android.graphics.Color)	4293844188 (0xFFEEDCDC)
YUV	225.3820, -2.6533, 11.0660
Hunter-Lab	86.3312, 1.4514, 6.7207

Details

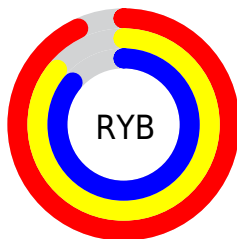
The XYZ color **73.7714, 74.5308, 78.2079** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5223, 82.5366, 92.8407**, and the grayscale version is **71.8577, 75.5999, 82.3283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5381, 39.5720, 41.1516** is the 20% darker color. If you saturate the color by 10%, you get **65.0346, 61.7470, 60.8355**, and if you desaturate by 10%, it is **83.8501, 89.2784, 98.2433**.

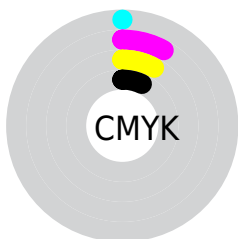
Distribution



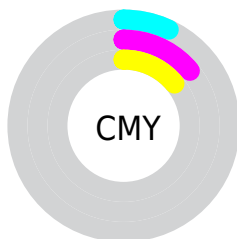
- Red (93%)
- Green (86%)
- Blue (86%)



- Red (93%)
- Yellow (86%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7714, 74.5308, 78.2079 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 73.7714, 74.5308, 78.2079 by changing the saturation by 10% instead.

73.7714, 74.5308,
78.2079

73.7714, 74.5308,
78.2079

462.7465,
476.3033, 508.4192

54.8976, 55.2286,
57.7273

123.5689,
125.6480, 132.6317

39.5532, 39.5848,
41.1762

155.2234,
158.2317, 167.4120

27.3730, 27.2149,
28.1361

191.8687,
196.0114, 207.7959

17.9916, 17.7347,
18.1883

233.8703,
239.3715, 254.2020

11.0436, 10.7597,
10.9144

281.5935,
288.6963, 307.0489

6.1637, 5.9055,
5.8959

335.4037,

2.9865, 2.7877,

344.3703, 366.7550

2.7141

395.6663,
406.7778, 433.7389

■ 1.1466, 1.0219,
0.9505

■ 0.0636, 0.0000,
0.0000

■ 73.7714, 74.5308,
78.2079

■ 73.7714, 74.5308,
78.2079

■ 65.0346, 61.7470,
60.8355

■ 83.8501, 89.2784,
98.2433

■ 57.5771, 50.8349,
46.0096

■ 89.0704, 96.9174,
108.6202

■ 51.3409, 41.7096,
33.6119

■ 46.2609, 34.2761,
23.5132

■ 42.2660, 28.4303,
15.5721

■ 39.2774, 24.0568,
9.6317

■ 37.2055, 21.0247,
5.5139

■ 35.9450, 19.1798,
3.0093

■ 35.3556, 18.3171,
1.8387

Harmonies

Analogous

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



73.9078, 74.5308, 82.7229



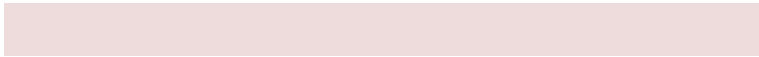
73.7714, 74.5308, 78.2079



72.8427, 74.5308, 74.6127

Triad

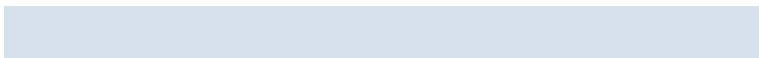
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7714, 74.5308, 78.2079



68.5178, 74.5308, 75.5987



70.2955, 74.5308, 90.1275

Complementary

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



73.7714, 74.5308, 78.2079



75.5223, 82.5366, 92.8407

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.



68.8730, 74.5308, 88.0613



73.7714, 74.5308, 78.2079



67.8569, 74.5308, 79.5999

Square

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



73.7714, 74.5308, 78.2079



69.8039, 74.5308, 73.1460



67.9859, 74.5308, 84.1678



71.8848, 74.5308, 89.7205

Rectangle

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



73.7714, 74.5308, 78.2079



71.9069, 74.5308, 73.1672



67.9859, 74.5308, 84.1678



69.7823, 74.5308, 89.6962

Sweetspot

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



73.7735, 74.5341, 78.2095



92.6345, 96.4656, 104.0977



76.2868, 75.5378, 91.4495



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



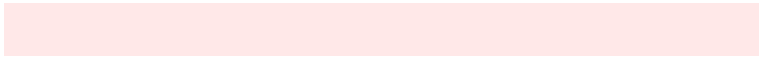
20.3446, 21.4041, 23.3091

Same Dimension

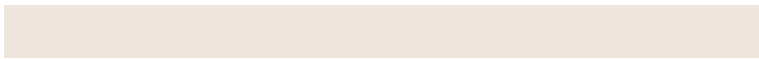
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7735, 74.5341, 78.2095



84.6847, 84.8332, 88.2923



76.1986, 79.3842, 79.0179



15.7731, 15.7594, 16.3603



19.6719, 10.1419, 0.9208



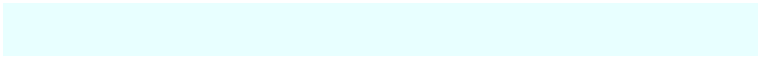
1.6366, 0.8439, 0.0766

Inverse Universe

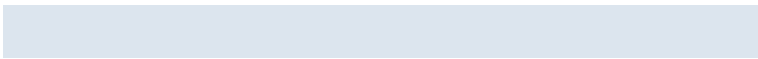
The Inverse Universe completely reimagines the original color for something new.



75.5223, 82.5366, 92.8407



87.1034, 95.9010, 108.5276



72.9682, 77.4285, 91.9893



16.2471, 17.9284, 20.3258



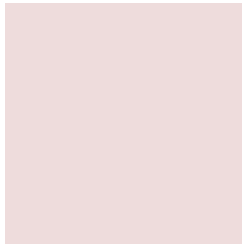
25.6591, 37.5425, 51.0219



2.1347, 3.1234, 4.2446

Previews

White Background



This preview shows how the XYZ color 73.7714, 74.5308, 78.2079 looks on a white background.

Color Contrast Check

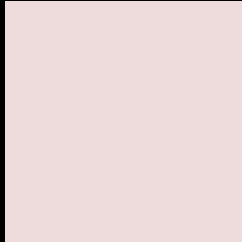
Large Text (above 18pt) WCAG AA × Fail

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 73.7714, 74.5308, 78.2079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

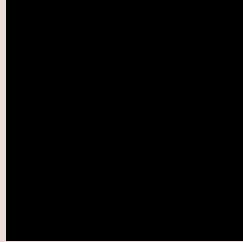
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

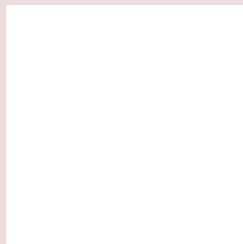
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7714, 74.5308, 78.2079

Background



This preview shows how black text looks on a background with the XYZ color 73.7714, 74.5308, 78.2079.

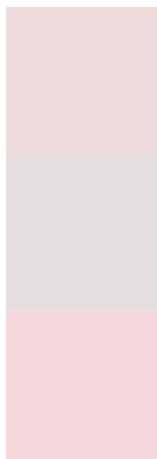


This preview shows how white text looks on a background with the XYZ color 73.7714, 74.5308,

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

73.7714, 74.5308, 78.2079

Protanopia

71.5674, 74.5433, 79.7235

Deuteranopia

76.2218, 74.6203, 78.7925



Tritanopia

76.0020, 74.6662, 89.0035

Trichromacy



Original Color

73.7714, 74.5308, 78.2079

Protanomaly

72.4511, 74.6188, 78.9909

Deuteranomaly

75.4308, 74.5964, 78.8295

Tritanomaly

75.2110, 74.7269, 85.3226

Monochromacy



Original Color

73.7714, 74.5308, 78.2079

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3401, 74.9261, 80.4615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7714, 74.5308, 78.2079 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(238, 220, 220) looks like.

```
.text, #text, p{  
    color:rgb(238, 220, 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(238, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.7714, 74.5308, 78.2079 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(238, 220, 220) }
```


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

```
.border{ border-color:rgb(238, 220, 220) }
```

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

Here you see how a box with a 4 pixel rgb(238, 220, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 220,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7714, 74.5308, 78.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 220) }
```

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

```
.background{ background-color: rgb(238,  
220, 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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