

Converting Colors

XYZ(70.5157, 73.2125, 79.9725)

Have a look what the booklet for
XYZ(70.5157, 73.2125, 79.9725)
contains.

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Color

**XYZ(70.5398, 73.2094,
80.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DDDF
RGB	226, 221, 223
RGB Percent	89%, 87%, 87%
CMY	0.1137, 0.1333, 0.1255
CMYK	0.00, 0.02, 0.01, 0.11
HSL	336°, 8%, 88%
HSV	336°, 2%, 89%
XYZ	70.5398, 73.2094, 80.2250
YIQ	222.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

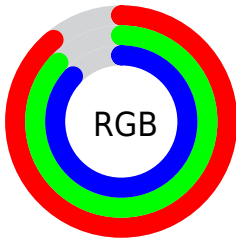
Format	Color
R _Y B	226, 221, 223
Decimal	14867935
CIE Lab	88.55, 2.06, -0.39
CIE LCh	89, 2.091, 349.379
Yxy	73.2094, 0.3149, 0.3269
Android (android.graphics.Color)	4293058015 (0xFFE2DDDF)
YUV	222.7230, 0.1366, 2.8739
Hunter-Lab	85.5625, -2.5746, 4.3023

Details

The XYZ color **70.5398, 73.2094, 80.2250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4725, 75.1487, 81.3157**, and the grayscale version is **69.9424, 73.5849, 80.1339**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4987, 38.7575, 42.5503** is the 20% darker color. If you saturate the color by 10%, you get **63.2134, 61.3675, 69.1150**, and if you desaturate by 10%, it is **78.8202, 86.7227, 92.3783**.

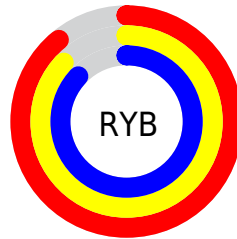
Distribution



Red (89%)

Green (87%)

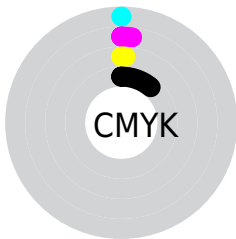
Blue (87%)



Red (89%)

Yellow (87%)

Blue (87%)

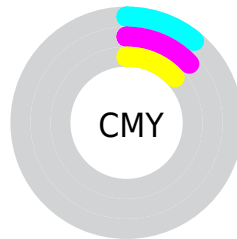


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5398, 73.2094, 80.2250 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 70.5398, 73.2094, 80.2250 by changing the saturation by 10% instead.

70.5398, 73.2094,
80.2250

70.5398, 73.2094,
80.2250

451.6800,
471.7402, 515.4175

52.2479, 54.1472,
59.3763

119.0003,
123.7744, 135.4963

37.4278, 38.7194,
42.4941

149.8996,
156.0461, 170.7559

25.7141, 26.5415,
29.1599

185.7321,
193.4896, 211.6562

16.7414, 17.2292,
18.9552

226.8632,
236.4895, 258.6158

10.1445, 10.3980,
11.4614

273.6582,
285.4301, 312.0532

5.5578, 5.6636,
6.2600

326.4824,

2.6162, 2.6417,

340.6959, 372.3869

2.9325

385.7012,
402.6711, 440.0355

■ 0.9542, 0.9476,
1.0603

■ 0.0000, 0.0000,
0.0000

■ 70.5398, 73.2094,
80.2250

■ 70.5398, 73.2094,
80.2250

■ 63.2134, 61.3675,
69.1150

■ 78.8202, 86.7227,
92.3783

■ 56.7995, 51.1224,
59.0151

■ 84.4022, 94.6001,
104.3712

■ 51.2628, 42.4080,
49.8967

■ 85.1745, 94.9090,
108.4378

■ 46.5629, 35.1497,
41.7283

■ 42.6564, 29.2666,
34.4764

■ 39.4957, 24.6702,
28.1053

■ 37.0279, 21.2611,
22.5766

■ 35.1923, 18.9252,
17.8481

■ 33.9168, 17.5258,
13.8726

Harmonies

Analogous

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



70.3212, 73.2094, 81.5325



70.5398, 73.2094, 80.2250



70.5012, 73.2094, 78.7956

Triad

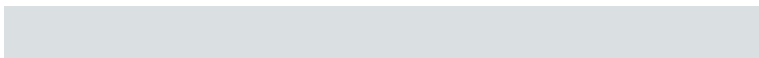
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5398, 73.2094, 80.2250



69.2624, 73.2094, 77.1240



68.9546, 73.2094, 81.8370

Complementary

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



70.5398, 73.2094, 80.2250



70.4725, 75.1487, 81.3157

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.



68.6735, 73.2094, 80.6367



70.5398, 73.2094, 80.2250



68.8506, 73.2094, 77.9200

Square

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



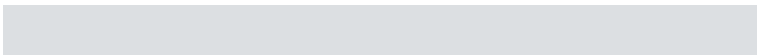
70.5398, 73.2094, 80.2250



69.7620, 73.2094, 77.0168



68.6356, 73.2094, 79.2024



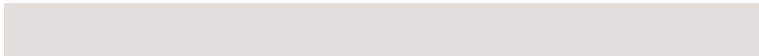
69.4050, 73.2094, 82.4706

Rectangle

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



70.5398, 73.2094, 80.2250



70.3348, 73.2094, 77.9653



68.6356, 73.2094, 79.2024



68.8372, 73.2094, 81.4857

Sweetspot

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



70.5419, 73.2126, 80.2266



93.9963, 98.2856, 107.3374



70.3270, 73.0546, 82.3469



20.1302, 21.0552, 22.9911



0.0000, 0.0000, 0.0000



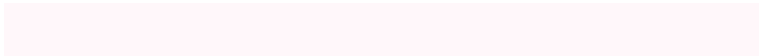
20.3446, 21.4041, 23.3091

Same Dimension

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



70.5419, 73.2126, 80.2266



91.9270, 94.9235, 104.2539



70.4064, 73.3697, 78.8614



14.8274, 15.2374, 16.7706



19.0081, 9.6702, 6.7084



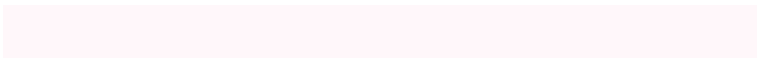
1.3609, 0.6876, 0.6932

Inverse Universe

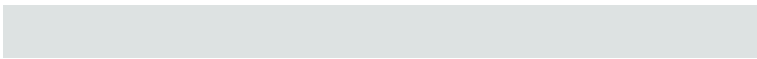
The Inverse Universe completely reimagines the original color for something new.



70.5419, 73.2126, 80.2266



91.9270, 94.9235, 104.2539



70.6092, 74.9863, 82.7049



14.8274, 15.2374, 16.7706



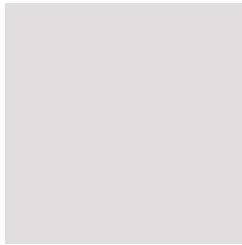
19.0081, 9.6702, 6.7084



1.3609, 0.6876, 0.6932

Previews

White Background



This preview shows how the XYZ color 70.5398, 73.2094, 80.2250 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 70.5398, 73.2094, 80.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

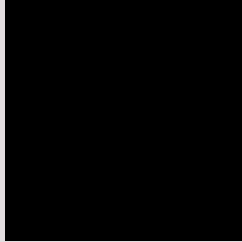
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

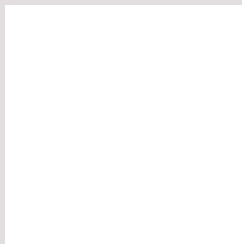
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5398, 73.2094, 80.2250

Background



This preview shows how black text looks on a background with the XYZ color 70.5398, 73.2094, 80.2250.

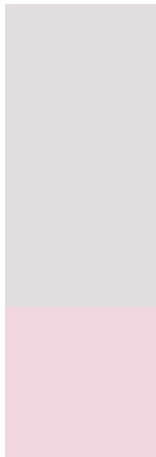


This preview shows how white text looks on a background with the XYZ color 70.5398, 73.2094,

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

70.5398, 73.2094, 80.2250

Protanopia

70.5398, 73.2094, 80.2250

Deuteranopia

74.7171, 73.0374, 80.6806



Tritanopia

72.4667, 73.2131, 89.6690

Trichromacy



Original Color

70.5398, 73.2094, 80.2250

Protanomaly

70.5398, 73.2094, 80.2250

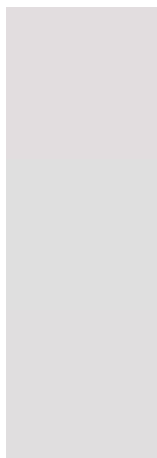
Deuteranomaly

73.1925, 73.0121, 80.7561

Tritanomaly

71.6956, 73.2868, 85.9683

Monochromacy



Original Color

70.5398, 73.2094, 80.2250

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1810, 73.4176, 80.2841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5398, 73.2094, 80.2250 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(226, 221, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 221, 223)  
}
```

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(226, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.5398, 73.2094, 80.2250 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(226, 221, 223) }
```


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

```
.border{ border-color:rgb(226, 221, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 221,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5398, 73.2094, 80.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 223) }
```

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

```
.background{ background-color: rgb(226,  
221, 223) }
```

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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