

Converting Colors

XYZ(72.4131, 75.5121, 88.4081)

Have a look what the booklet for
XYZ(72.4131, 75.5121, 88.4081)
contains.

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Color

**XYZ(72.5170, 75.6382,
88.6195)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E1EA
RGB	224, 225, 234
RGB Percent	88%, 88%, 92%
CMY	0.1216, 0.1176, 0.0823
CMYK	0.04, 0.04, 0.00, 0.08
HSL	234°, 19%, 90%
HSV	234°, 4%, 92%
XYZ	72.5170, 75.6382, 88.6195
YIQ	225.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

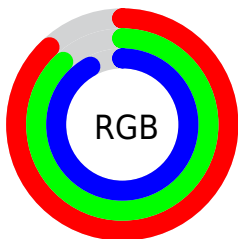
Format	Color
R _Y B	224, 225, 234
Decimal	14737898
CIE Lab	89.69, 1.32, -4.51
CIE LCh	90, 4.695, 286.288
Yxy	75.6382, 0.3063, 0.3195
Android (android.graphics.Color)	4292927978 (0xFFE0E1EA)
YUV	225.7270, 4.0786, -1.5146
Hunter-Lab	86.9702, -3.3621, 0.4648

Details

The XYZ color **72.5170, 75.6382, 88.6195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.5254, 81.1515, 82.1529**, and the grayscale version is **72.0667, 75.8198, 82.5678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7728, 40.3988, 47.8737** is the 20% darker color. If you saturate the color by 10%, you get **60.4136, 61.4662, 86.5231**, and if you desaturate by 10%, it is **86.3245, 91.7345, 90.9998**.

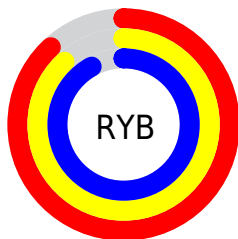
Distribution



Red (88%)

Green (88%)

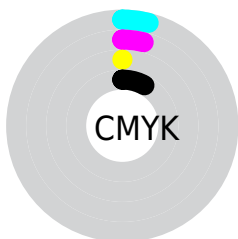
Blue (92%)



Red (88%)

Yellow (88%)

Blue (92%)

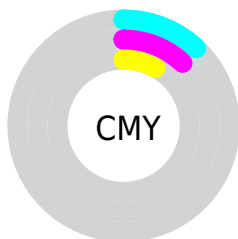


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5170, 75.6382, 88.6195 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 72.5170, 75.6382, 88.6195 by changing the saturation by 10% instead.

■ 72.5170, 75.6382,
88.6195

■ 72.5170, 75.6382,
88.6195

458.4688,
480.1083, 543.9836

■ 53.8681, 56.1359,
66.2690

121.7981,
127.2154, 147.3380

■ 38.7265, 40.3119,
48.0329

153.1610,
160.0590, 184.5431

■ 26.7268, 27.7818,
33.4928

189.4926,
198.1185, 227.5369

■ 17.5036, 18.1612,
22.2300

231.1583,
241.7783, 276.7378

■ 10.6917, 11.0658,
13.8261

278.5234,
291.4228, 332.5643

■ 5.9257, 6.1111,
7.8624

331.9533,

■ 2.8402, 2.9128,

347.4364, 395.4351

3.9205

391.8133,
410.2034, 465.7687

■ 1.0698, 1.0864,
1.5819

■ 0.0000, 0.0000,
0.2778

■ 72.5170, 75.6382,
88.6195

■ 72.5170, 75.6382,
88.6195

■ 60.4136, 61.4662,
86.5231

■ 86.3245, 91.7345,
90.9998

■ 49.9418, 49.1372,
84.6953

■ 91.8515, 98.7206,
92.0570

■ 41.0337, 38.5782,
83.1267

■ 33.6138, 29.7077,
81.8056

■ 27.6006, 22.4376,
80.7193

■ 22.9046, 16.6722,
79.8539

■ 19.4259, 12.3050,
79.1943

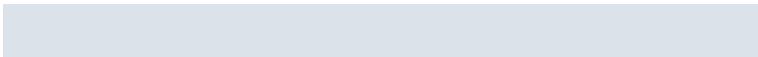
■ 17.0500, 9.2157,
78.7232

■ 15.6403, 7.2629,
78.4206

Harmonies

Analogous

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



71.3662, 75.6382, 88.6973



72.5170, 75.6382, 88.6195



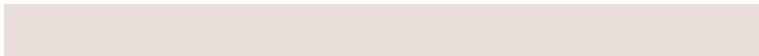
73.5104, 75.6382, 86.8347

Triad

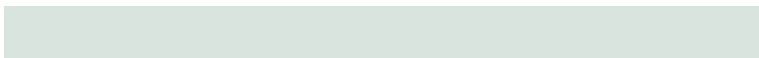
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5170, 75.6382, 88.6195



73.4387, 75.6382, 77.8412



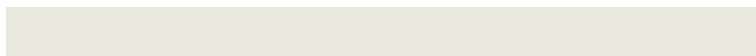
69.7541, 75.6382, 80.8574

Complementary

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



72.5170, 75.6382, 88.6195



76.5254, 81.1515, 82.1529

Split Complementary

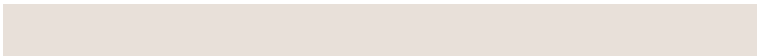
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.2972, 75.6382, 78.0362



72.5170, 75.6382, 88.6195



72.4200, 75.6382, 76.3266

Square

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



72.5170, 75.6382, 88.6195



74.0465, 75.6382, 80.5848



71.2703, 75.6382, 76.3970



69.7794, 75.6382, 84.1553

Rectangle

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



72.5170, 75.6382, 88.6195



73.9461, 75.6382, 84.9436



71.2703, 75.6382, 76.3970



69.8760, 75.6382, 79.8237

Sweetspot

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



72.5192, 75.6414, 88.6212



93.3905, 98.0645, 108.6139



74.8487, 80.5679, 88.5734



20.0069, 21.0103, 23.2509



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.



72.5192, 75.6414, 88.6212



86.9630, 90.5599, 107.5041



73.4503, 75.7200, 88.5872



15.3726, 15.9852, 19.1975



8.5646, 3.7762, 44.0204



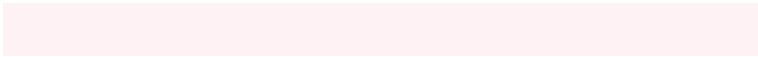
0.7136, 0.3788, 3.4704

Inverse Universe

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



74.1797, 76.2416, 82.0443



89.3243, 91.4163, 98.1508



75.5653, 81.0793, 82.1895



15.8482, 16.1582, 17.3133



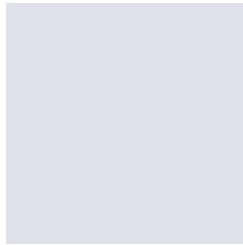
19.1783, 9.8740, 1.4744



1.5267, 0.7836, 0.2251

Previews

White Background



This preview shows how the XYZ color 72.5170, 75.6382, 88.6195 looks on a white background.

Color Contrast Check

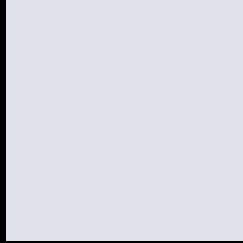
Large Text (above 18pt) WCAG AA × Fail

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 72.5170, 75.6382, 88.6195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

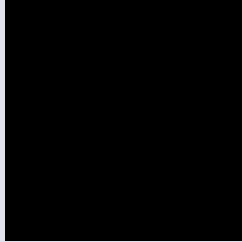
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

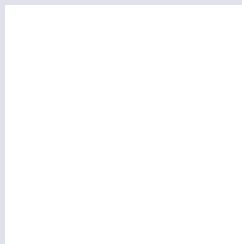
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5170, 75.6382, 88.6195

Background



This preview shows how black text looks on a background with the XYZ color 72.5170, 75.6382, 88.6195.



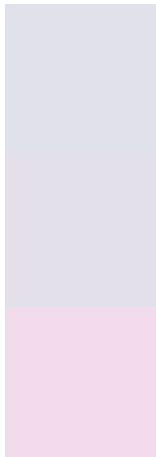
This preview shows how white text looks on a background with the XYZ color 72.5170, 75.6382,

88.6195.

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

72.5170, 75.6382, 88.6195

Protanopia

73.0422, 75.5254, 87.8189

Deuteranopia

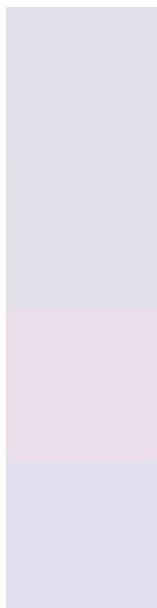
77.2891, 75.7159, 89.1383



Tritanopia

73.7340, 75.7297, 94.7355

Trichromacy



Original Color

72.5170, 75.6382, 88.6195

Protanomaly

72.7277, 75.3633, 87.8042

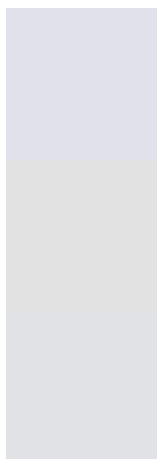
Deuteranomaly

75.4439, 75.5439, 89.2024

Tritanomaly

73.2870, 75.5509, 92.3815

Monochromacy



Original Color

72.5170, 75.6382, 88.6195

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.3906, 76.0574, 84.9939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5170, 75.6382, 88.6195 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(224, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 234)  
}
```

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(224, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 72.5170, 75.6382, 88.6195 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(224, 225, 234) }
```


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

```
.border{ border-color:rgb(224, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5170, 75.6382, 88.6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 234) }
```

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

```
.background{ background-color: rgb(224,  
225, 234) }
```

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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