

Converting Colors

XYZ(72.9472, 76.3033, 87.1635)

Have a look what the booklet for
XYZ(72.9472, 76.3033, 87.1635)
contains.

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Color

**XYZ(72.8132, 76.2265,
87.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E2E8
RGB	225, 226, 232
RGB Percent	88%, 89%, 91%
CMY	0.1176, 0.1137, 0.0902
CMYK	0.03, 0.03, 0.00, 0.09
HSL	231°, 13%, 90%
HSV	231°, 3%, 91%
XYZ	72.8132, 76.2265, 87.2194
YIQ	226.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

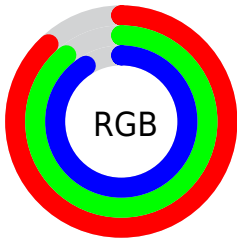
Format	Color
R _Y B	225, 226, 232
Decimal	14803688
CIE Lab	89.96, 0.76, -3.05
CIE LCh	90, 3.140, 284.005
Yxy	76.2265, 0.3082, 0.3226
Android (android.graphics.Color)	4292993768 (0xFFE1E2E8)
YUV	226.3850, 2.7682, -1.2146
Hunter-Lab	87.3078, -3.9227, 1.8855

Details

The XYZ color **72.8132, 76.2265, 87.2194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4453, 79.7430, 82.6509**, and the grayscale version is **72.5511, 76.3294, 83.1228**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9769, 40.8065, 46.8964** is the 20% darker color. If you saturate the color by 10%, you get **60.9723, 62.5614, 85.2070**, and if you desaturate by 10%, it is **86.2676, 91.6575, 89.4899**.

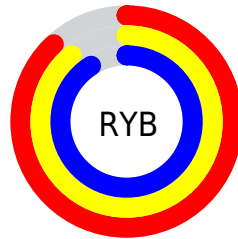
Distribution



Red (88%)

Green (89%)

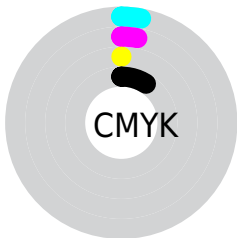
Blue (91%)



Red (88%)

Yellow (89%)

Blue (91%)

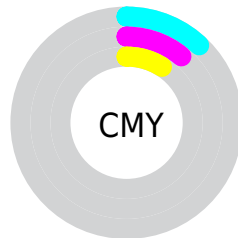


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8132, 76.2265, 87.2194 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 72.8132, 76.2265, 87.2194 by changing the saturation by 10% instead.

■ 72.8132, 76.2265,
87.2194

■ 72.8132, 76.2265,
87.2194

459.4810,
482.1227, 539.2785

■ 54.1111, 56.6183,
65.1161

122.2165,
128.0470, 145.3715

■ 38.9215, 40.6988,
47.1033

153.6485,
161.0281, 182.2574

■ 26.8791, 28.0838,
32.7624

190.0544,
199.2356, 224.9078

■ 17.6186, 18.3889,
21.6749

231.7996,
243.0538, 273.7415

■ 10.7745, 11.2295,
13.4222

279.2495,
292.8673, 329.1768

■ 5.9816, 6.2214,
7.5858

332.7695,

■ 2.8744, 2.9802,

349.0603, 391.6324

3.7471

392.7248,
412.0173, 461.5268

■ 1.0877, 1.1214,
1.4877

■ 0.0148, 0.0000,
0.2087

■ 72.8132, 76.2265,
87.2194

■ 72.8132, 76.2265,
87.2194

■ 60.9723, 62.5614,
85.2070

■ 86.2676, 91.6575,
89.4899

■ 50.6775, 50.5895,
83.4388

■ 91.5657, 98.6063,
90.5519

■ 41.8668, 40.2473,
81.9069

■ 34.4709, 31.4640,
80.6014

■ 28.4153, 24.1631,
79.5113

■ 23.6184, 18.2618,
78.6251

■ 19.9896, 13.6688,
77.9298

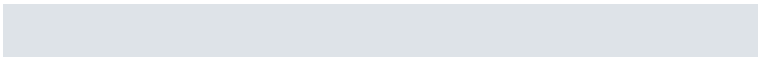
■ 17.4259, 10.2820,
77.4112

■ 15.8051, 7.9829,
77.0529

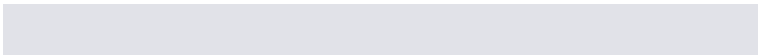
Harmonies

Analogous

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



72.0400, 76.2265, 87.1796



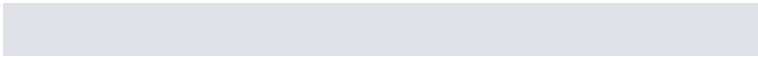
72.8132, 76.2265, 87.2194



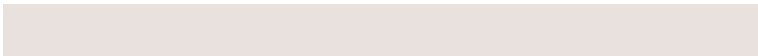
73.4940, 76.2265, 86.1139

Triad

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



72.8132, 76.2265, 87.2194



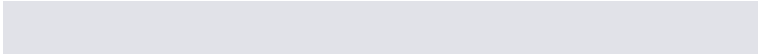
73.5311, 76.2265, 80.0602



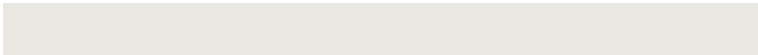
71.0241, 76.2265, 81.8241

Complementary

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



72.8132, 76.2265, 87.2194



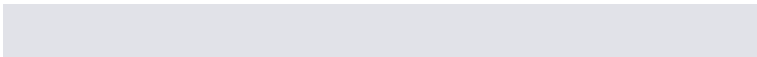
75.4453, 79.7430, 82.6509

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.



71.4179, 76.2265, 79.9576



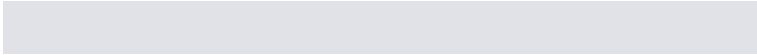
72.8132, 76.2265, 87.2194



72.8635, 76.2265, 78.9517

Square

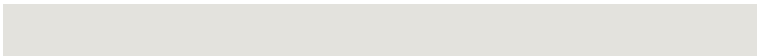
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8132, 76.2265, 87.2194



73.9105, 76.2265, 81.9664



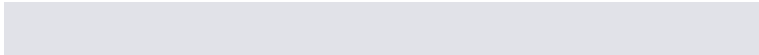
72.0900, 76.2265, 78.9145



71.0109, 76.2265, 84.0376

Rectangle

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



72.8132, 76.2265, 87.2194



73.8023, 76.2265, 84.8875



72.0900, 76.2265, 78.9145



71.1163, 76.2265, 81.1362

Sweetspot

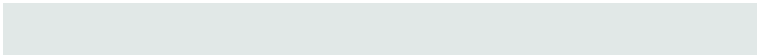
The Sweet Spot groups the original color and five complimentary colors.



72.8154, 76.2298, 87.2211



93.4252, 98.1338, 108.6254



74.3258, 79.4887, 86.9909



20.0140, 21.0243, 23.2532



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

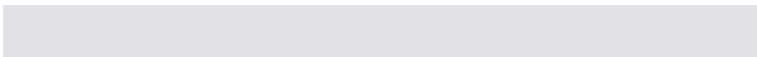
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8154, 76.2298, 87.2211



88.6722, 92.6679, 107.8209



73.3126, 76.0820, 87.1664



14.9465, 15.6004, 18.3677



8.4467, 3.9555, 42.7015



0.6769, 0.3978, 3.1731

Inverse Universe

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



73.9331, 76.4987, 82.8244



90.5068, 93.1138, 100.6028



74.9372, 79.8993, 82.7078



15.3129, 15.6901, 16.9263



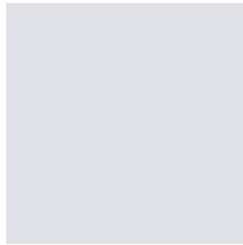
18.6570, 9.5970, 1.8228



1.4053, 0.7198, 0.2749

Previews

White Background



This preview shows how the XYZ color 72.8132, 76.2265, 87.2194 looks on a white background.

Color Contrast Check

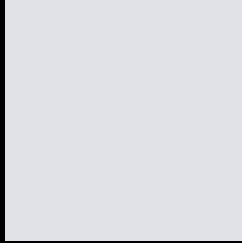
Large Text (above 18pt) WCAG AA × Fail

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 72.8132, 76.2265, 87.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

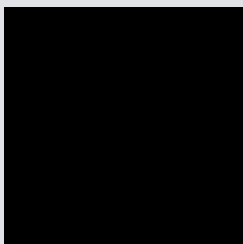
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

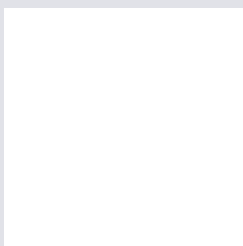
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8132, 76.2265, 87.2194

Background



This preview shows how black text looks on a background with the XYZ color 72.8132, 76.2265, 87.2194.



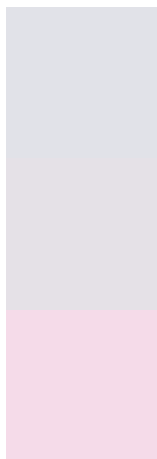
This preview shows how white text looks on a background with the XYZ color 72.8132, 76.2265,

87.2194.

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

72.8132, 76.2265, 87.2194

Protanopia

73.6621, 76.2780, 86.4420

Deuteranopia

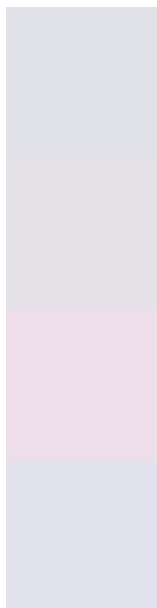
77.6957, 75.9587, 87.6573



Tritanopia

74.3612, 76.0530, 94.7648

Trichromacy



Original Color

72.8132, 76.2265, 87.2194

Protanomaly

73.3439, 76.1139, 86.4271

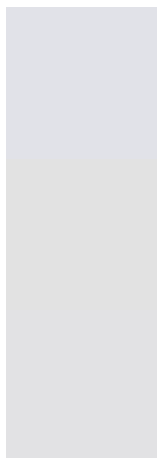
Deuteranomaly

76.0892, 76.3029, 87.8084

Tritanomaly

73.7219, 76.1922, 91.7099

Monochromacy



Original Color

72.8132, 76.2265, 87.2194

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.5640, 76.1629, 84.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8132, 76.2265, 87.2194 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(225, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 232)  
}
```

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(225, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 72.8132, 76.2265, 87.2194 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(225, 226, 232) }
```


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

```
.border{ border-color:rgb(225, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8132, 76.2265, 87.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 232) }
```

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

```
.background{ background-color: rgb(225,  
226, 232) }
```

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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