

Converting Colors

XYZ(72.9964, 77.1422, 84.3089)

Have a look what the booklet for
XYZ(72.9964, 77.1422, 84.3089)
contains.

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Color

**XYZ(73.1110, 77.2570,
84.4575)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E4E4
RGB	226, 228, 228
RGB Percent	89%, 89%, 89%
CMY	0.1137, 0.1059, 0.1059
CMYK	0.01, 0.00, 0.00, 0.11
HSL	180°, 4%, 89%
HSV	180°, 1%, 89%
XYZ	73.1110, 77.2570, 84.4575
YIQ	227.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 227, 228
Decimal	14869732
CIE Lab	90.44, -0.67, -0.25
CIE LCh	90, 0.710, 200.211
Yxy	77.2570, 0.3113, 0.3290
Android (android.graphics.Color)	4293059812 (0xFFE2E4E4)
YUV	227.4020, 0.2948, -1.2296
Hunter-Lab	87.8960, -5.3434, 4.5566

Details

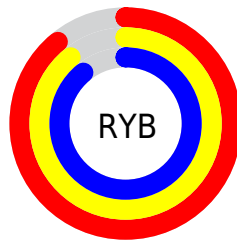
The XYZ color **73.1110, 77.2570, 84.4575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9216, 76.3796, 82.8547**, and the grayscale version is **73.3067, 77.1244, 83.9884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2810, 41.5622, 45.4871** is the 20% darker color. If you saturate the color by 10%, you get **66.4259, 73.8136, 84.1142**, and if you desaturate by 10%, it is **80.7512, 81.1971, 84.8487**.

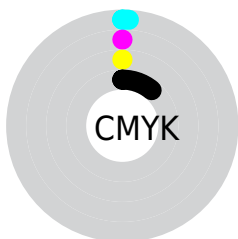
Distribution



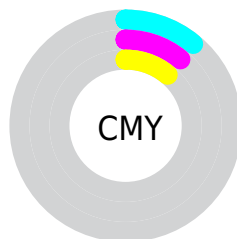
- Red (89%)
- Green (89%)
- Blue (89%)



- Red (89%)
- Yellow (89%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1110, 77.2570, 84.4575 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 73.1110, 77.2570, 84.4575 by changing the saturation by 10% instead.

■ 73.1110, 77.2570,
84.4575

■ 73.1110, 77.2570,
84.4575

460.4973,
485.6398, 529.9289

■ 54.3554, 57.4638,
62.8457

122.6371,
129.5022, 141.4824

■ 39.1177, 41.3777,
45.2762

154.1383,
162.7230, 177.7325

■ 27.0324, 28.6144,
31.3305

190.6187,
201.1885, 219.6992

■ 17.7343, 18.7893,
20.5901

232.4438,
245.2831, 267.8009

■ 10.8579, 11.5181,
12.6364

279.9788,
295.3911, 322.4561

■ 6.0380, 6.4165,
7.0509

333.5892,

■ 2.9091, 3.0999,

351.8969, 384.0836

3.4150

393.6402,
415.1851, 453.1016

■ 1.1059, 1.1841,
1.3102

■ 0.0300, 0.0487,
0.0702

■ 73.1110, 77.2570,
84.4575

■ 73.1110, 77.2570,
84.4575

■ 66.4259, 73.8136,
84.1142

■ 80.7512, 81.1971,
84.8487

■ 60.6522, 70.8378,
83.8120


■ 83.0010, 82.3562,
84.9860


■ 55.7523, 68.3126,
83.5507


■ 83.0071, 82.3587,
85.0183


■ 51.6836, 66.2158,
83.3283


■ 83.0133, 82.3611,
85.0506

 48.4000, 64.5237,
83.1427


 83.0194, 82.3636,
85.0830


 45.8508, 63.2103,
82.9914


 83.0255, 82.3661,
85.1153


 43.9795, 62.2463,
82.8719

 83.0317, 82.3685,
85.1476

 42.7212, 61.5983,
82.7810

 83.0378, 82.3710,
85.1800

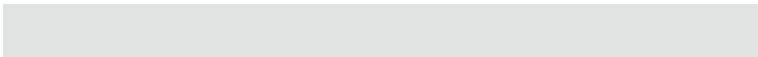
 41.9985, 61.2265,
82.7153

 83.0440, 82.3734,
85.2124

Harmonies

Analogous

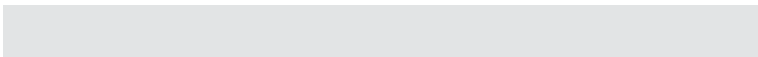
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0950, 77.2570, 83.9538



73.1110, 77.2570, 84.4575



73.2125, 77.2570, 84.8722

Triad

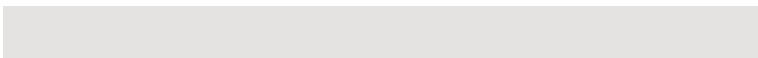
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1110, 77.2570, 84.4575



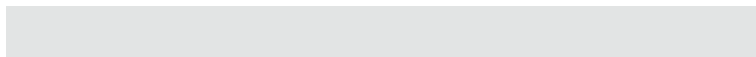
73.6927, 77.2570, 84.7461



73.4884, 77.2570, 83.1613

Complementary

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



73.1110, 77.2570, 84.4575



72.9216, 76.3796, 82.8547

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.



73.6489, 77.2570, 83.3717



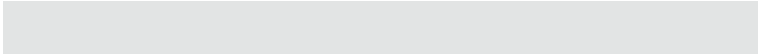
73.1110, 77.2570, 84.4575



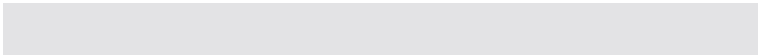
73.7669, 77.2570, 84.2859

Square

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



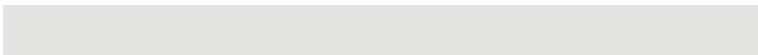
73.1110, 77.2570, 84.4575



73.5483, 77.2570, 85.0393



73.7509, 77.2570, 83.7829



73.3127, 77.2570, 83.2068

Rectangle

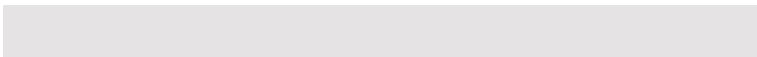
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



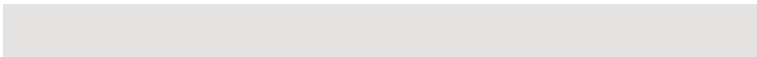
73.1110, 77.2570, 84.4575



73.3151, 77.2570, 85.0418



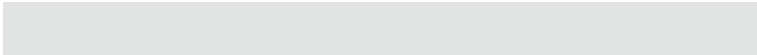
73.7509, 77.2570, 83.7829



73.5459, 77.2570, 83.2044

Sweetspot

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



73.1132, 77.2603, 84.4592

95.0500, 100.0000, 108.9000



72.8475, 77.1553, 83.0055



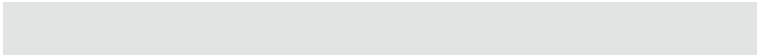
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

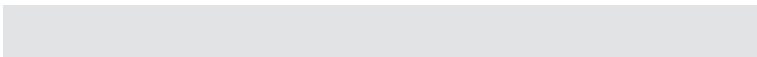
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1132, 77.2603, 84.4592



94.1173, 99.5192, 108.8522



72.8480, 76.7290, 84.3734



16.0701, 16.9873, 18.5756



24.0714, 35.2607, 47.7380



1.7792, 2.6058, 3.5298

Inverse Universe

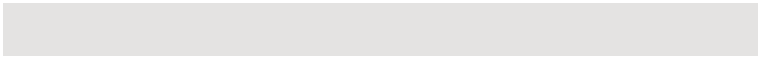
The Inverse Universe completely reimagines the original color for something new.



72.9216, 76.3796, 82.8547



93.8348, 98.2209, 106.4868



73.1852, 76.9077, 82.9399



16.0248, 16.7790, 18.1959



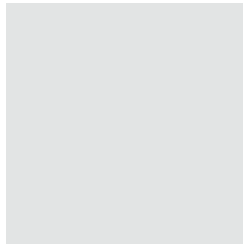
18.4769, 9.5250, 0.8746



1.3658, 0.7040, 0.0667

Previews

White Background



This preview shows how the XYZ color 73.1110, 77.2570, 84.4575 looks on a white background.

Color Contrast Check

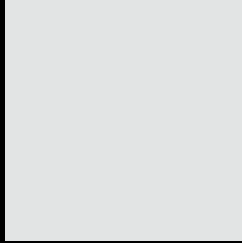
Large Text (above 18pt) WCAG AA × Fail

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 73.1110, 77.2570, 84.4575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

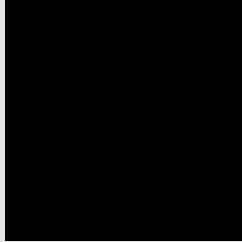
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

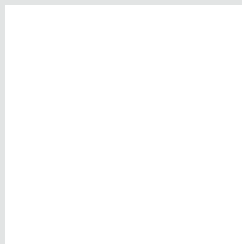
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1110, 77.2570, 84.4575

Background



This preview shows how black text looks on a background with the XYZ color 73.1110, 77.2570, 84.4575.



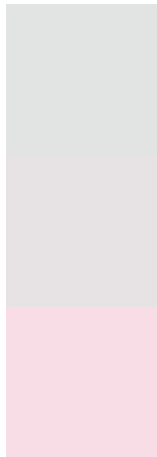
This preview shows how white text looks on a background with the XYZ color 73.1110, 77.2570,

84.4575.

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

73.1110, 77.2570, 84.4575

Protanopia

74.0165, 76.9277, 83.6205

Deuteranopia

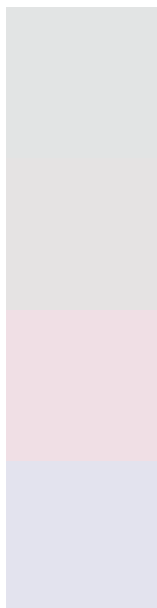
78.5875, 76.8560, 85.5556



Tritanopia

75.3689, 77.3578, 95.7532

Trichromacy



Original Color

73.1110, 77.2570, 84.4575

Protanomaly

73.6473, 77.1422, 83.6814

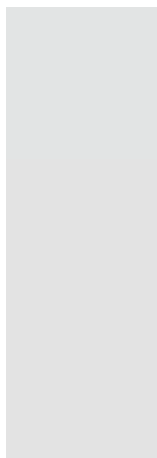
Deuteranomaly

76.4657, 76.9578, 84.9529

Tritanomaly

74.5803, 77.4421, 91.9059

Monochromacy



Original Color

73.1110, 77.2570, 84.4575

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0128, 76.8151, 83.6517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1110, 77.2570, 84.4575 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, 228, 228) looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 228)  
}
```

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, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.1110, 77.2570, 84.4575 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, 228, 228) }
```

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

```
.border{ border-color:rgb(226, 228, 228) }
```

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

Here you see how a box with a 4 pixel rgb(226, 228, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
228) }
```


Background

The CSS property to change the background color of an element to XYZ 73.1110, 77.2570, 84.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 228) }
```

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

```
.background{ background-color: rgb(226,  
228, 228) }
```

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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