

Converting Colors

XYZ(72.6479, 76.3034, 84.1359)

Have a look what the booklet for
XYZ(72.6479, 76.3034, 84.1359)
contains.

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Color

**XYZ(72.5640, 76.1629,
84.2752)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2E4
RGB	226, 226, 228
RGB Percent	89%, 89%, 89%
CMY	0.1137, 0.1137, 0.1059
CMYK	0.01, 0.01, 0.00, 0.11
HSL	240°, 4%, 89%
HSV	240°, 1%, 89%
XYZ	72.5640, 76.1629, 84.2752
YIQ	226.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 226, 228
Decimal	14869220
CIE _{Lab}	89.93, 0.36, -0.98
CIE _{LCh}	90, 1.049, 290.332
Yxy	76.1629, 0.3114, 0.3269
Android (android.graphics.Color)	4293059300 (0xFFE2E2E4)
YUV	226.2280, 0.8736, -0.2000
Hunter-Lab	87.2714, -4.3065, 3.8355

Details

The XYZ color **72.5640, 76.1629, 84.2752** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4659, 77.4710, 83.0340**, and the grayscale version is **72.4497, 76.2228, 83.0066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9003, 40.8009, 45.3603** is the 20% darker color. If you saturate the color by 10%, you get **60.1019, 61.1554, 82.0364**, and if you desaturate by 10%, it is **86.8025, 93.3096, 86.8355**.

Distribution



Red (89%)

Green (89%)

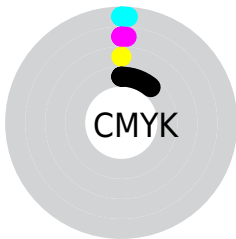
Blue (89%)



Red (89%)

Yellow (89%)

Blue (89%)



Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5640, 76.1629, 84.2752 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 72.5640, 76.1629, 84.2752 by changing the saturation by 10% instead.

■ 72.5640, 76.1629,
84.2752

■ 72.5640, 76.1629,
84.2752

458.6295,
481.9052, 529.3086

■ 53.9066, 56.5661,
62.6960

121.8645,
127.9571, 141.2252

■ 38.7574, 40.6570,
45.1559

153.2384,
160.9234, 177.4331

■ 26.7509, 28.0511,
31.2364

189.5818,
199.1149, 219.3543

■ 17.5219, 18.3642,
20.5189

231.2601,
242.9160, 267.4073

■ 10.7049, 11.2118,
12.5850

278.6387,
292.7112, 322.0107

■ 5.9346, 6.2095,
7.0161

332.0829,

■ 2.8456, 2.9729,

348.8849, 383.5830

3.3935

391.9580,
411.8214, 452.5428

■ 1.0727, 1.1176,
1.2989

■ 0.0020, 0.0000,
0.0609

■ 72.5640, 76.1629,
84.2752

■ 72.5640, 76.1629,
84.2752

■ 60.1019, 61.1554,
82.0364

■ 86.8025, 93.3096,
86.8355

■ 49.3403, 48.1940,
80.1018

■ 91.0038, 98.3815,
87.5931

■ 40.2074, 37.1931,
78.4598

■ 32.6241, 28.0572,
77.0961

■ 26.5043, 20.6830,
75.9952

■ 21.7538, 14.9571,
75.1404

■ 18.2673, 10.7529,
74.5127

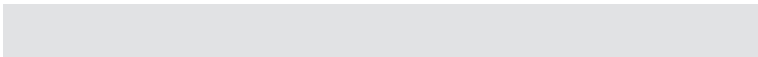
■ 15.9241, 7.9256,
74.0905

■ 14.5805, 6.3021,
73.8479

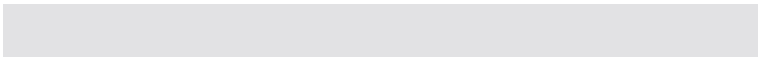
Harmonies

Analogous

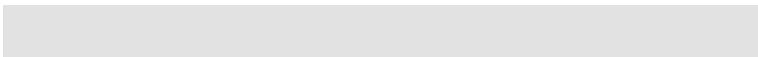
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3068, 76.1629, 84.3447



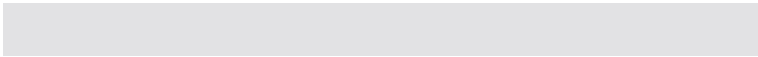
72.5640, 76.1629, 84.2752



72.7752, 76.1629, 83.8437

Triad

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



72.5640, 76.1629, 84.2752



72.7094, 76.1629, 81.8337



71.8999, 76.1629, 82.6888

Complementary

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



72.5640, 76.1629, 84.2752



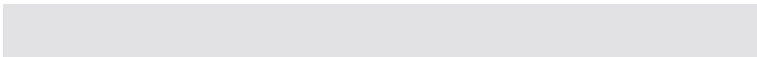
73.4659, 77.4710, 83.0340

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.



72.0073, 76.1629, 82.0199



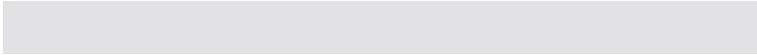
72.5640, 76.1629, 84.2752



72.4744, 76.1629, 81.5282

Square

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



72.5640, 76.1629, 84.2752



72.8593, 76.1629, 82.4331



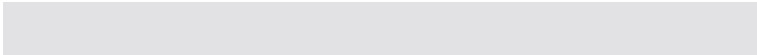
72.2174, 76.1629, 81.5961



71.9238, 76.1629, 83.4258

Rectangle

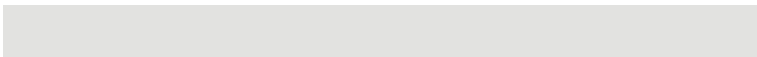
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5640, 76.1629, 84.2752



72.8613, 76.1629, 83.4102



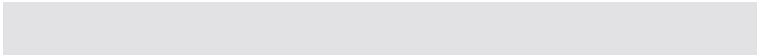
72.2174, 76.1629, 81.5961



71.9219, 76.1629, 82.4486

Sweetspot

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



72.5662, 76.1662, 84.2769

95.0500, 100.0000, 108.9000



73.1076, 77.2564, 84.4345



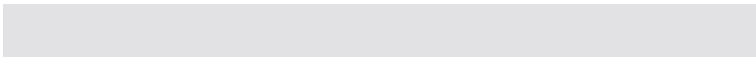
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

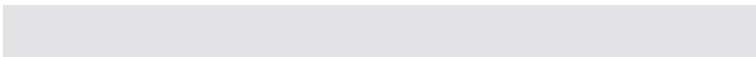
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5662, 76.1662, 84.2769



93.3115, 97.9064, 108.5875



72.8692, 76.3209, 84.2907



15.9408, 16.7285, 18.5331



8.0898, 3.2418, 42.5825



0.5986, 0.2411, 3.1470

Inverse Universe

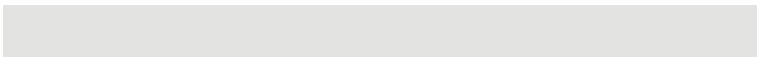
The Inverse Universe completely reimagines the original color for something new.



72.9204, 76.3791, 82.8547



93.8348, 98.2209, 106.4867



73.1611, 77.3153, 83.0200



16.0248, 16.7790, 18.1959



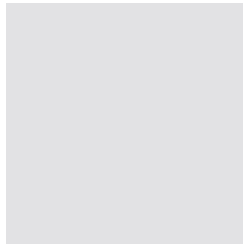
18.4769, 9.5250, 0.8743



1.3658, 0.7040, 0.0667

Previews

White Background



This preview shows how the XYZ color 72.5640, 76.1629, 84.2752 looks on a white background.

Color Contrast Check

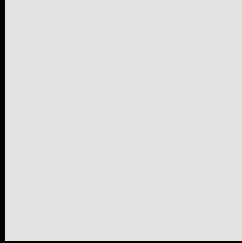
Large Text (above 18pt) WCAG AA × Fail

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 72.5640, 76.1629, 84.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

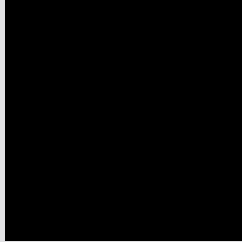
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

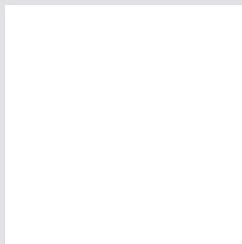
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5640, 76.1629, 84.2752

Background



This preview shows how black text looks on a background with the XYZ color 72.5640, 76.1629, 84.2752.

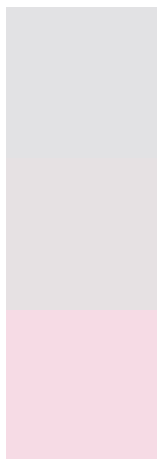


This preview shows how white text looks on a background with the XYZ color 72.5640, 76.1629,

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

72.5640, 76.1629, 84.2752

Protanopia

73.4235, 76.2195, 83.5150

Deuteranopia

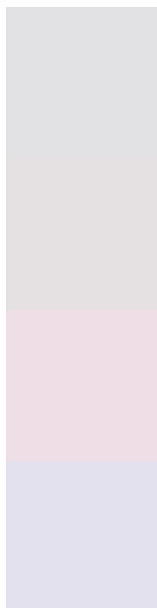
77.4804, 75.9130, 84.6978



Tritanopia

74.6776, 76.2161, 94.7796

Trichromacy



Original Color

72.5640, 76.1629, 84.2752

Protanomaly

73.1034, 76.0545, 83.5001

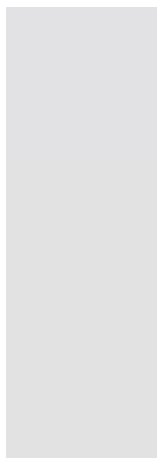
Deuteranomaly

75.8607, 76.2504, 84.8483

Tritanomaly

73.8898, 76.2957, 90.9529

Monochromacy



Original Color

72.5640, 76.1629, 84.2752

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4255, 76.1075, 83.5460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5640, 76.1629, 84.2752 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, 226, 228) looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 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, 226, 228) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 72.5640, 76.1629, 84.2752 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, 226, 228) }
```

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

```
.border{ border-color:rgb(226, 226, 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, 226, 228)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 72.5640, 76.1629, 84.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(226,  
226, 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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