

Converting Colors

XYZ(72.3347, 76.3035, 83.1789)

Have a look what the booklet for
XYZ(72.3347, 76.3035, 83.1789)
contains.

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Color

**XYZ(72.2479, 76.4367,
82.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E3E2
RGB	225, 227, 226
RGB Percent	88%, 89%, 89%
CMY	0.1176, 0.1098, 0.1137
CMYK	0.01, 0.00, 0.00, 0.11
HSL	150°, 3%, 89%
HSV	150°, 1%, 89%
XYZ	72.2479, 76.4367, 82.8974
YIQ	226.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

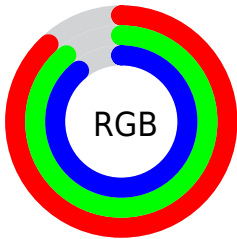
Format	Color
R_{YB}	225, 226, 227
Decimal	14803938
CIE Lab	90.06, -0.85, 0.24
CIE LCh	90, 0.880, 164.086
Yxy	76.4367, 0.3120, 0.3301
Android (android.graphics.Color)	4292994018 (0xFFE1E3E2)
YUV	226.2880, -0.1420, -1.1296
Hunter-Lab	87.4281, -5.4922, 4.9822

Details

The XYZ color **72.2479, 76.4367, 82.8974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3341, 75.6743, 82.7495**, and the grayscale version is **72.5004, 76.2761, 83.0646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6808, 40.9914, 44.4015** is the 20% darker color. If you saturate the color by 10%, you get **64.1275, 72.4270, 74.6411**, and if you desaturate by 10%, it is **81.4170, 80.9794, 91.7461**.

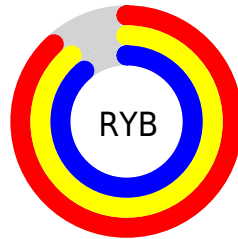
Distribution



Red (88%)

Green (89%)

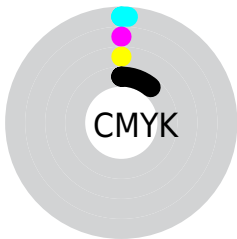
Blue (89%)



Red (88%)

Yellow (89%)

Blue (89%)

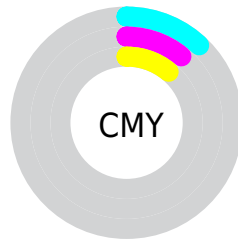


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2479, 76.4367, 82.8974 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 72.2479, 76.4367, 82.8974 by changing the saturation by 10% instead.

■ 72.2479, 76.4367,
82.8974

■ 72.2479, 76.4367,
82.8974

457.5482,
482.8413, 524.6066

■ 53.6474, 56.7907,
61.5654

121.4178,
128.3440, 139.2797

■ 38.5494, 40.8372,
44.2481

152.7179,
161.3741, 175.1671

■ 26.5885, 28.1919,
30.5270

188.9820,
199.6343, 216.7433

■ 17.3994, 18.4704,
19.9835

230.5752,
243.5091, 264.4270

■ 10.6167, 11.2882,
12.1991

277.8632,
293.3827, 318.6366

■ 5.8751, 6.2610,
6.7552

331.2111,

■ 2.8092, 3.0045,

349.6397, 379.7907

3.2334

390.9843,
412.6645, 448.3078

■ 1.0537, 1.1341,
1.2150

■ 0.0000, 0.0068,
0.0000

■ 72.2479, 76.4367,
82.8974

■ 72.2479, 76.4367,
82.8974

■ 64.1275, 72.4270,
74.6411

■ 81.4170, 80.9794,
91.7461

■ 57.0105, 68.9207,
66.9602

■ 85.7695, 83.0247,
100.9183

■ 50.8577, 65.8999,
59.8435

■ 86.7606, 83.4211,
106.1369

■ 45.6248, 63.3422,
53.2780

■ 41.2641, 61.2231,
47.2500

■ 37.7232, 59.5158,
41.7453

■ 34.9436, 58.1906,
36.7488

■ 32.8589, 57.2135,
32.2447

■ 31.3900, 56.5439,
28.2159

Harmonies

Analogous

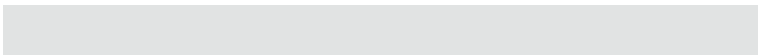
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3592, 76.4367, 82.3661



72.2479, 76.4367, 82.8974



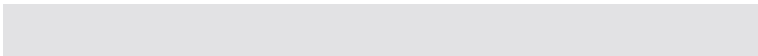
72.2444, 76.4367, 83.5195

Triad

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



72.2479, 76.4367, 82.8974



72.7530, 76.4367, 84.3979



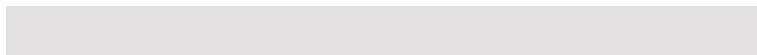
72.9527, 76.4367, 82.3931

Complementary

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



72.2479, 76.4367, 82.8974



72.3341, 75.6743, 82.7495

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.



73.0587, 76.4367, 82.9344



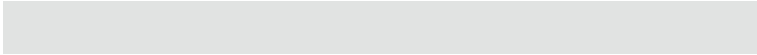
72.2479, 76.4367, 82.8974



72.9432, 76.4367, 84.0930

Square

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



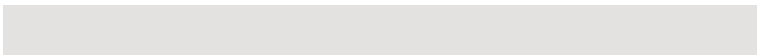
72.2479, 76.4367, 82.8974



72.5358, 76.4367, 84.3879



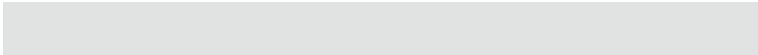
73.0552, 76.4367, 83.5566



72.7659, 76.4367, 82.0759

Rectangle

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



72.2479, 76.4367, 82.8974



72.3037, 76.4367, 83.9021



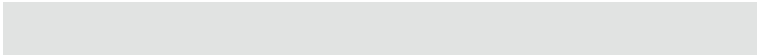
73.0552, 76.4367, 83.5566



72.9990, 76.4367, 82.5547

Sweetspot

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



72.2501, 76.4400, 82.8991

95.0500, 100.0000, 108.9000



72.4370, 76.5521, 82.1935



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

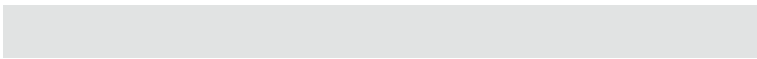
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2501, 76.4400, 82.8991



93.9131, 99.4376, 107.7768



72.3836, 76.4934, 83.6024



16.0373, 16.9742, 18.4030



17.8268, 32.7628, 14.8542



1.3642, 2.4398, 1.3445

Inverse Universe

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



72.3341, 75.6743, 82.7495



94.0376, 98.3021, 107.5551



72.2013, 75.6212, 82.0501



16.0573, 16.7920, 18.3674



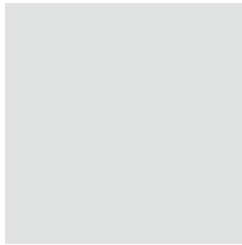
20.2957, 10.2525, 10.4521



1.5467, 0.7764, 1.0193

Previews

White Background



This preview shows how the XYZ color 72.2479, 76.4367, 82.8974 looks on a white background.

Color Contrast Check

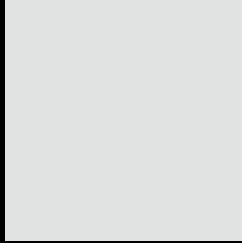
Large Text (above 18pt) WCAG AA × Fail

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 72.2479, 76.4367, 82.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

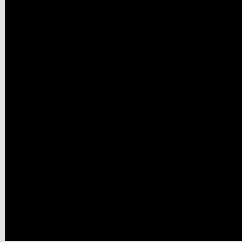
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

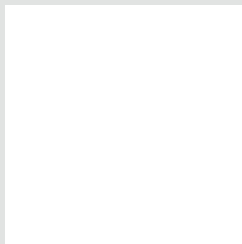
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2479, 76.4367, 82.8974

Background



This preview shows how black text looks on a background with the XYZ color 72.2479, 76.4367, 82.8974.

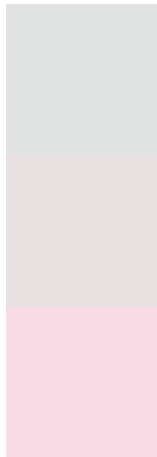


This preview shows how white text looks on a background with the XYZ color 72.2479, 76.4367,

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

72.2479, 76.4367, 82.8974

Protanopia

73.4708, 76.2756, 82.0845

Deuteranopia

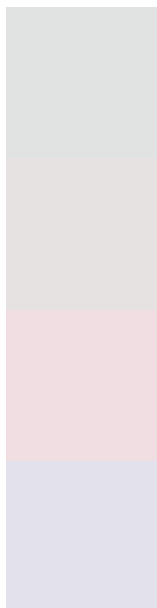
78.0465, 76.2209, 83.9974



Tritanopia

74.6776, 76.2161, 94.7796

Trichromacy



Original Color

72.2479, 76.4367, 82.8974

Protanomaly

73.1001, 76.4870, 82.1448

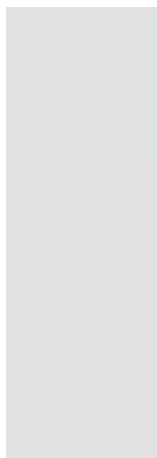
Deuteranomaly

75.9216, 76.3139, 83.4016

Tritanomaly

73.7441, 76.2374, 90.1854

Monochromacy



Original Color

72.2479, 76.4367, 82.8974

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2879, 76.0525, 82.8211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2479, 76.4367, 82.8974 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, 227, 226) looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 226)  
}
```

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, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 72.2479, 76.4367, 82.8974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

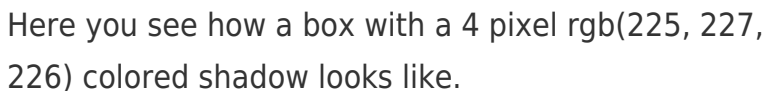
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 227, 226) }
```

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

```
.border{ border-color:rgb(225, 227, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 227, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 227, 226); box-shadow:4px 4px 4px 4px rgb(225, 227, 226) }
```


Background

The CSS property to change the background color of an element to XYZ 72.2479, 76.4367, 82.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 226) }
```

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

```
.background{ background-color: rgb(225,  
227, 226) }
```

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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