

Converting Colors

XYZ(72.2524, 75.7097, 84.0424)

Have a look what the booklet for
XYZ(72.2524, 75.7097, 84.0424)
contains.

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Color

**XYZ(72.2928, 75.6206,
84.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1E4
RGB	226, 225, 228
RGB Percent	89%, 88%, 89%
CMY	0.1137, 0.1176, 0.1059
CMYK	0.01, 0.01, 0.00, 0.11
HSL	260°, 5%, 89%
HSV	260°, 1%, 89%
XYZ	72.2928, 75.6206, 84.1848
YIQ	225.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

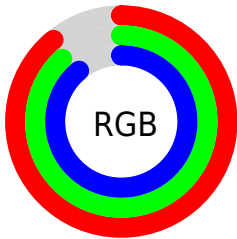
Format	Color
R_{YB}	226, 225, 228
Decimal	14868964
CIE _{Lab}	89.68, 0.88, -1.35
CIE _{LCh}	90, 1.614, 303.075
Yxy	75.6206, 0.3115, 0.3258
Android (android.graphics.Color)	4293059044 (0xFFE2E1E4)
YUV	225.6410, 1.1630, 0.3148
Hunter-Lab	86.9601, -3.7873, 3.4743

Details

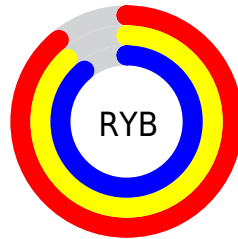
The XYZ color **72.2928, 75.6206, 84.1848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0155, 77.2560, 82.3016**, and the grayscale version is **72.0234, 75.7743, 82.5182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7121, 40.4245, 45.2975** is the 20% darker color. If you saturate the color by 10%, you get **61.9737, 61.7555, 82.0536**, and if you desaturate by 10%, it is **83.8630, 91.3567, 86.6135**.

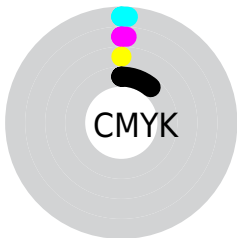
Distribution



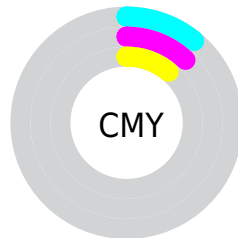
- Red (89%)
- Green (88%)
- Blue (89%)



- Red (89%)
- Yellow (88%)
- Blue (89%)



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



- Cyan (11%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2928, 75.6206, 84.1848 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 72.2928, 75.6206, 84.1848 by changing the saturation by 10% instead.

■ 72.2928, 75.6206,
84.1848

■ 72.2928, 75.6206,
84.1848

457.7019,
480.0479, 529.0008

■ 53.6842, 56.1215,
62.6218

121.4813,
127.1905, 141.0977

■ 38.5789, 40.3003,
45.0962

152.7919,
160.0300, 177.2846

■ 26.6116, 27.7728,
31.1897

189.0672,
198.0851, 219.1832

■ 17.4168, 18.1544,
20.4837

230.6726,
241.7401, 267.2121

■ 10.6292, 11.0609,
12.5596

277.9734,
291.3795, 321.7897

■ 5.8836, 6.1078,
6.9988

331.3350,

■ 2.8144, 2.9108,

347.3877, 383.3347

3.3829

391.1227,
410.1491, 452.2655

■ 1.0564, 1.0853,
1.2933

■ 0.0000, 0.0000,
0.0563

■ 72.2928, 75.6206,
84.1848

■ 72.2928, 75.6206,
84.1848

■ 61.9737, 61.7555,
82.0536

■ 83.8630, 91.3567,
86.6135

■ 52.8558, 49.6812,
80.2036

■ 91.0038, 98.3815,
87.5931

■ 44.8955, 39.3260,
78.6244

■ 38.0436, 30.6098,
77.3031

■ 32.2476, 23.4457,
76.2258

■ 27.4501, 17.7387,
75.3771

■ 23.5879, 13.3830,
74.7399

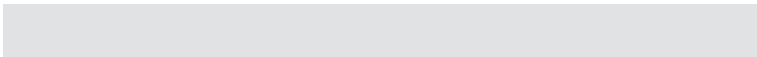
■ 20.5896, 10.2578,
74.2947

■ 18.3717, 8.2195,
74.0182

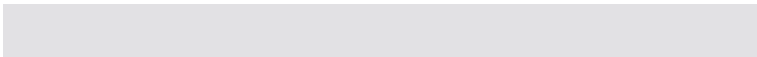
Harmonies

Analogous

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



71.9161, 75.6206, 84.5419



72.2928, 75.6206, 84.1848



72.5583, 75.6206, 83.3326

Triad

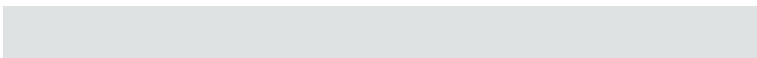
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2928, 75.6206, 84.1848



72.2216, 75.6206, 80.4028



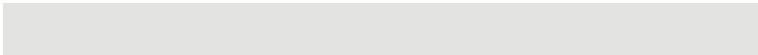
71.1150, 75.6206, 82.4554

Complementary

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



72.2928, 75.6206, 84.1848



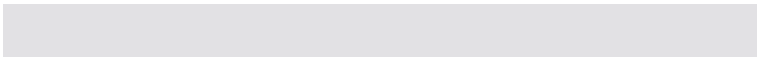
73.0155, 77.2560, 82.3016

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.



71.1962, 75.6206, 81.3513



72.2928, 75.6206, 84.1848



71.8341, 75.6206, 80.1727

Square

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



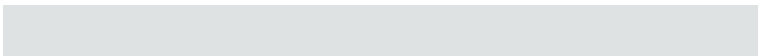
72.2928, 75.6206, 84.1848



72.5171, 75.6206, 81.1498



71.4590, 75.6206, 80.5184



71.2369, 75.6206, 83.5377

Rectangle

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



72.2928, 75.6206, 84.1848



72.6361, 75.6206, 82.6020



71.4590, 75.6206, 80.5184



71.1195, 75.6206, 82.0745

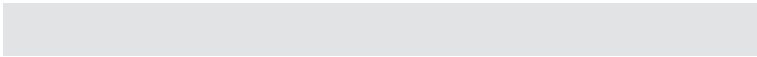
Sweetspot

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



72.2950, 75.6238, 84.1864

95.0500, 100.0000, 108.9000



72.5404, 76.5770, 84.3575



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.



72.2950, 75.6238, 84.1864



92.2030, 96.1491, 108.3067



72.7519, 75.8594, 84.2078



15.7628, 16.4462, 18.4880



9.9099, 4.1747, 42.6666



0.8279, 0.3578, 3.1574

Inverse Universe

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



72.7880, 75.8939, 83.4897



93.1727, 96.6804, 106.9336



72.5597, 77.0211, 82.2803



15.9184, 16.5315, 18.2676



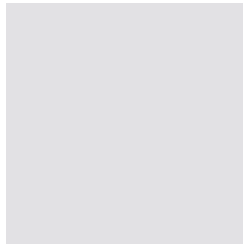
21.8145, 10.8600, 18.4502



1.6546, 0.8196, 1.5879

Previews

White Background



This preview shows how the XYZ color 72.2928, 75.6206, 84.1848 looks on a white background.

Color Contrast Check

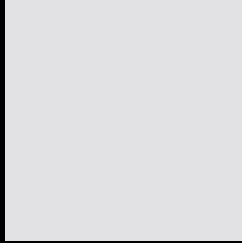
Large Text (above 18pt) WCAG AA × Fail

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 72.2928, 75.6206, 84.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

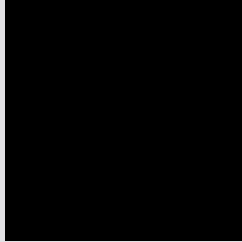
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

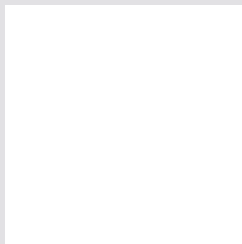
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2928, 75.6206, 84.1848

Background



This preview shows how black text looks on a background with the XYZ color 72.2928, 75.6206, 84.1848.



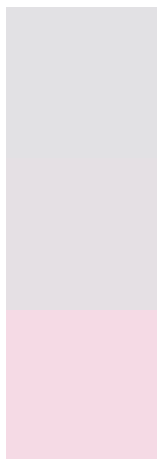
This preview shows how white text looks on a background with the XYZ color 72.2928, 75.6206,

84.1848.

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

72.2928, 75.6206, 84.1848

Protanopia

72.9723, 75.5708, 84.1393

Deuteranopia

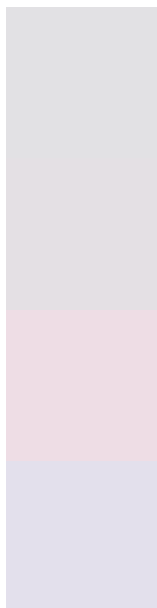
76.8704, 75.2124, 84.5947



Tritanopia

74.2598, 75.6202, 93.9013

Trichromacy



Original Color

72.2928, 75.6206, 84.1848

Protanomaly

72.6542, 75.4067, 84.1245

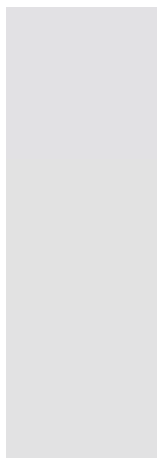
Deuteranomaly

75.2592, 75.5472, 84.7442

Tritanomaly

73.4745, 75.6983, 90.0956

Monochromacy



Original Color

72.2928, 75.6206, 84.1848

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 72.2928, 75.6206, 84.1848 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, 225, 228) looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 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, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 228) }
```

Border

The CSS property to change the border of an element to XYZ 72.2928, 75.6206, 84.1848 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, 225, 228) }
```

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

```
.border{ border-color:rgb(226, 225, 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, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 225, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 225, 228); box-shadow:4px 4px 4px 4px rgb(226, 225, 228) }
```


Background

The CSS property to change the background color of an element to XYZ 72.2928, 75.6206, 84.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 228) }
```

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

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