

Converting Colors

XYZ(71.6368, 75.7447, 82.6751)

Have a look what the booklet for
XYZ(71.6368, 75.7447, 82.6751)
contains.

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Color

**XYZ(71.6643, 75.7310,
82.7919)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E2E2
RGB	224, 226, 226
RGB Percent	88%, 89%, 89%
CMY	0.1216, 0.1137, 0.1137
CMYK	0.01, 0.00, 0.00, 0.11
HSL	180°, 3%, 88%
HSV	180°, 1%, 89%
XYZ	71.6643, 75.7310, 82.7919
YIQ	225.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

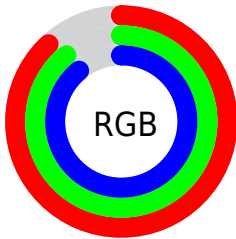
Format	Color
R_{YB}	224, 225, 226
Decimal	14738146
CIE _{Lab}	89.73, -0.67, -0.25
CIE _{LCh}	90, 0.711, 200.204
Yxy	75.7310, 0.3113, 0.3290
Android (android.graphics.Color)	4292928226 (0xFFE0E2E2)
YUV	225.4020, 0.2948, -1.2296
Hunter-Lab	87.0236, -5.2957, 4.5096

Details

The XYZ color **71.6643, 75.7310, 82.7919** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4771, 74.8639, 81.2078**, and the grayscale version is **71.8577, 75.5999, 82.3283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2758, 40.5011, 44.3282** is the 20% darker color. If you saturate the color by 10%, you get **65.1149, 72.3575, 82.4560**, and if you desaturate by 10%, it is **79.1490, 79.5910, 83.1747**.

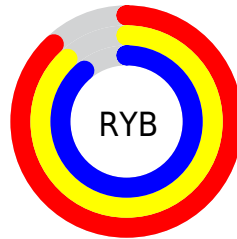
Distribution



Red (88%)

Green (89%)

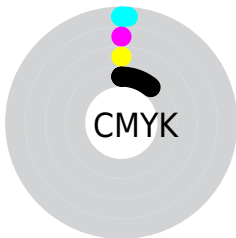
Blue (89%)



Red (88%)

Yellow (88%)

Blue (89%)

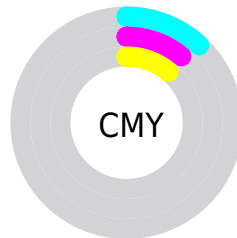


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6643, 75.7310, 82.7919 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 71.6643, 75.7310, 82.7919 by changing the saturation by 10% instead.

■ 71.6643, 75.7310,
82.7919

■ 71.6643, 75.7310,
82.7919

455.5481,
480.4264, 524.2455

■ 53.1690, 56.2120,
61.4789

120.5925,
127.3466, 139.1306

■ 38.1657, 40.3729,
44.1787

151.7561,
160.2119, 174.9933

■ 26.2891, 27.8294,
30.4728

187.8732,
198.2948, 216.5431

■ 17.1739, 18.1971,
19.9426

229.3091,
241.9796, 264.1983

■ 10.4546, 11.0916,
12.1697

276.4292,
291.6508, 318.3777

■ 5.7660, 6.1285,
6.7354

329.5988,

■ 2.7426, 2.9234,

347.6927, 379.4996

3.2213

389.1833,
410.4898, 447.9827

■ 1.0192, 1.0919,
1.2087

■ 0.0000, 0.0000,
0.0000

■ 71.6643, 75.7310,
82.7919

■ 71.6643, 75.7310,
82.7919

■ 65.1149, 72.3575,
82.4560

■ 79.1490, 79.5910,
83.1747

■ 59.4579, 69.4419,
82.1602

■ 82.1774, 81.1515,
83.3475

■ 54.6567, 66.9675,
81.9045

■ 82.1833, 81.1538,
83.3788

■ 50.6695, 64.9127,
81.6870

■ 82.1893, 81.1562,
83.4101

■ 47.4512, 63.2543,
81.5054

■ 82.1952, 81.1586,
83.4414

■ 44.9522, 61.9667,
81.3575

■ 82.2012, 81.1610,
83.4727

■ 43.1171, 61.0213,
81.2407

■ 82.2071, 81.1633,
83.5040

■ 41.8826, 60.3856,
81.1519

■ 82.2131, 81.1657,
83.5354

■ 41.1729, 60.0204,
81.0878

■ 82.2190, 81.1681,
83.5667

Harmonies

Analogous

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



71.6485, 75.7310, 82.2941



71.6643, 75.7310, 82.7919



71.7646, 75.7310, 83.2018

Triad

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



71.6643, 75.7310, 82.7919



72.2392, 75.7310, 83.0774



72.0374, 75.7310, 81.5109

Complementary

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



71.6643, 75.7310, 82.7919



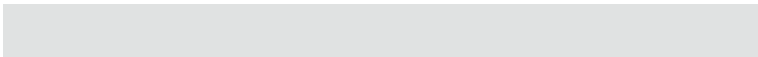
71.4771, 74.8639, 81.2078

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.



72.1959, 75.7310, 81.7190



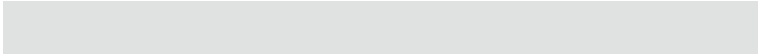
71.6643, 75.7310, 82.7919



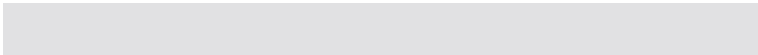
72.3126, 75.7310, 82.6225

Square

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



71.6643, 75.7310, 82.7919



72.0965, 75.7310, 83.3671



72.2967, 75.7310, 82.1254



71.8637, 75.7310, 81.5559

Rectangle

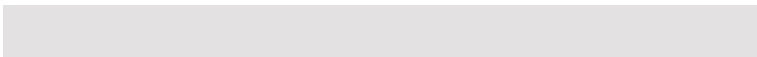
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6643, 75.7310, 82.7919



71.8660, 75.7310, 83.3695



72.2967, 75.7310, 82.1254



72.0942, 75.7310, 81.5536

Sweetspot

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



71.6664, 75.7342, 82.7936

95.0500, 100.0000, 108.9000



71.4039, 75.6304, 81.3569



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

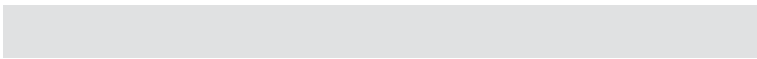
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6664, 75.7342, 82.7936



94.1173, 99.5193, 108.8522



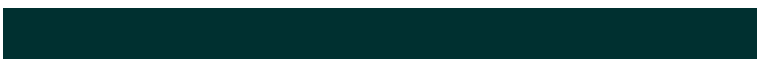
71.4043, 75.2092, 82.7088



15.3173, 16.1914, 17.7050



23.3138, 34.1504, 46.2368



1.6164, 2.3673, 3.2069

Inverse Universe

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



71.4771, 74.8639, 81.2078



93.8348, 98.2209, 106.4868



71.7376, 75.3858, 81.2921



15.2742, 15.9933, 17.3440



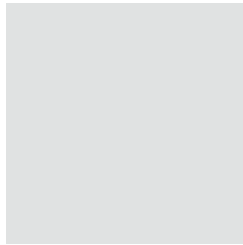
17.8950, 9.2250, 0.8471



1.2408, 0.6396, 0.0607

Previews

White Background



This preview shows how the XYZ color 71.6643, 75.7310, 82.7919 looks on a white background.

Color Contrast Check

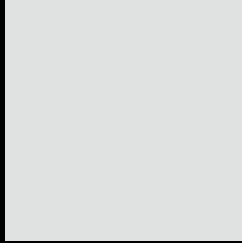
Large Text (above 18pt) WCAG AA × Fail

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 71.6643, 75.7310, 82.7919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

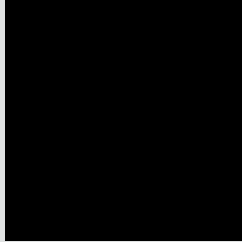
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

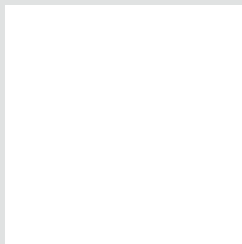
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6643, 75.7310, 82.7919

Background



This preview shows how black text looks on a background with the XYZ color 71.6643, 75.7310, 82.7919.

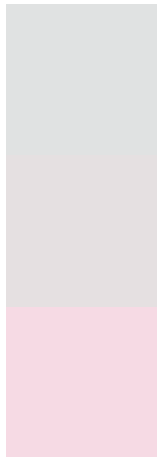


This preview shows how white text looks on a background with the XYZ color 71.6643, 75.7310,

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

71.6643, 75.7310, 82.7919

Protanopia

72.5594, 75.4056, 81.9646

Deuteranopia

77.0810, 75.3371, 83.8777



Tritanopia

73.8969, 75.8309, 93.9611

Trichromacy



Original Color

71.6643, 75.7310, 82.7919

Protanomaly

72.1944, 75.6176, 82.0248

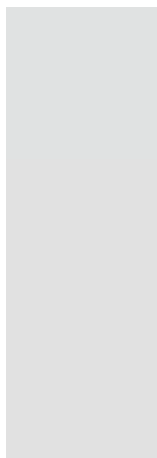
Deuteranomaly

74.9815, 75.4361, 83.2817

Tritanomaly

73.1169, 75.9141, 90.1561

Monochromacy



Original Color

71.6643, 75.7310, 82.7919

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5672, 75.2942, 81.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6643, 75.7310, 82.7919 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(224, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 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(224, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.6643, 75.7310, 82.7919 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(224, 226, 226) }
```

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

```
.border{ border-color:rgb(224, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
226) }
```


Background

The CSS property to change the background color of an element to XYZ 71.6643, 75.7310, 82.7919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 226) }
```

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

```
.background{ background-color: rgb(224,  
226, 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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