

Converting Colors

XYZ(70.7993, 73.9548, 81.7195)

Have a look what the booklet for
XYZ(70.7993, 73.9548, 81.7195)
contains.

XYZ(71.0296, 74.2191, 81.8162)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(71.0296, 74.2191,
81.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DFE1
RGB	225, 223, 225
RGB Percent	88%, 87%, 88%
CMY	0.1176, 0.1255, 0.1176
CMYK	0.00, 0.01, 0.00, 0.12
HSL	300°, 3%, 88%
HSV	300°, 1%, 88%
XYZ	71.0296, 74.2191, 81.8162
YIQ	223.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

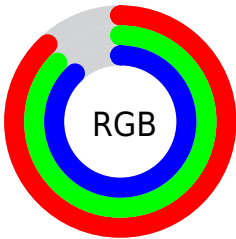
Format	Color
R _Y B	225, 223, 225
Decimal	14802913
CIE Lab	89.03, 1.04, -0.75
CIE LCh	89, 1.279, 324.272
Yxy	74.2191, 0.3128, 0.3269
Android (android.graphics.Color)	4292992993 (0xFFE1DFE1)
YUV	223.8260, 0.5788, 1.0296
Hunter-Lab	86.1505, -3.5932, 3.9983

Details

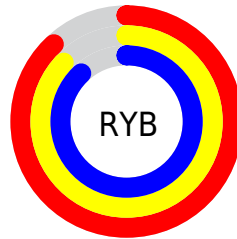
The XYZ color **71.0296, 74.2191, 81.8162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6787, 74.8681, 80.5416**, and the grayscale version is **70.7248, 74.4080, 81.0303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8359, 39.4536, 43.6513** is the 20% darker color. If you saturate the color by 10%, you get **65.4140, 62.9870, 79.9453**, and if you desaturate by 10%, it is **77.4482, 87.0552, 83.9566**.

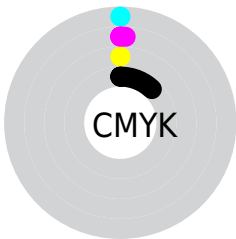
Distribution



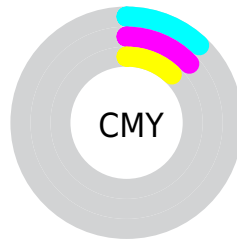
- Red (88%)
- Green (87%)
- Blue (88%)



- Red (88%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0296, 74.2191, 81.8162 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 71.0296, 74.2191, 81.8162 by changing the saturation by 10% instead.

■ 71.0296, 74.2191,
81.8162

■ 71.0296, 74.2191,
81.8162

453.3671,
475.2292, 520.9000

■ 52.6490, 54.9734,
60.6791

119.6942,
125.2063, 137.7506

■ 37.7490, 39.3804,
43.5374

150.7088,
157.7167, 173.3850

■ 25.9642, 27.0558,
29.9725

186.6655,
195.4173, 214.6889

■ 16.9294, 17.6151,
19.5658

227.9296,
238.6927, 262.0808

■ 10.2792, 10.6740,
11.8989

274.8664,
287.9272, 315.9794

■ 5.6481, 5.8481,
6.5532

327.8414,

■ 2.6709, 2.7529,

343.5051, 376.8031

3.1101

387.2199,
405.8110, 444.9704

■ 0.9822, 1.0041,
1.1511

■ 0.0000, 0.0000,
0.0000

■ 71.0296, 74.2191,
81.8162

■ 71.0296, 74.2191,
81.8162

■ 65.4140, 62.9870,
79.9453

■ 77.4482, 87.0552,
83.9566

■ 60.5639, 53.2868,
78.3286

■ 80.4027, 92.9642,
84.9415

■ 56.4480, 45.0551,
76.9566

■ 80.4028, 92.9642,
84.9415

■ 53.0306, 38.2203,
75.8175

■ 80.4028, 92.9642,
84.9415

50.2729, 32.7050,
74.8983

80.4029, 92.9643,
84.9415

48.1324, 28.4241,
74.1848

80.4030, 92.9643,
84.9415

46.5616, 25.2827,
73.6612

80.4030, 92.9643,
84.9415

45.5062, 23.1719,
73.3094

80.4031, 92.9643,
84.9415

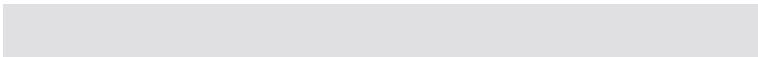
44.9013, 21.9621,
73.1078

80.4031, 92.9644,
84.9415

Harmonies

Analogous

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



70.7891, 74.2191, 82.3833



71.0296, 74.2191, 81.8162



71.1397, 74.2191, 80.9830

Triad

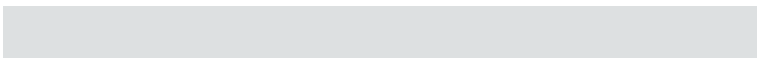
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0296, 74.2191, 81.8162



70.6027, 74.2191, 79.1198



69.9993, 74.2191, 81.5180

Complementary

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



71.0296, 74.2191, 81.8162



70.6787, 74.8681, 80.5416

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.



69.9497, 74.2191, 80.6412



71.0296, 74.2191, 81.8162



70.2975, 74.2191, 79.2608

Square

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



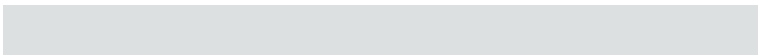
71.0296, 74.2191, 81.8162



70.8928, 74.2191, 79.4296



70.0587, 74.2191, 79.8160



70.1944, 74.2191, 82.2103

Rectangle

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



71.0296, 74.2191, 81.8162



71.1242, 74.2191, 80.3905



70.0587, 74.2191, 79.8160



69.9651, 74.2191, 81.2349

Sweetspot

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



71.0317, 74.2223, 81.8178

95.0500, 100.0000, 108.9000



70.4218, 73.9211, 81.7918



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

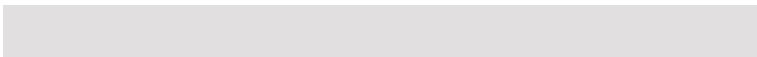
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0317, 74.2223, 81.8178



94.2419, 98.3838, 108.6306



70.9004, 74.1698, 81.1264



15.3363, 16.0181, 17.6712



25.7244, 12.3567, 42.0776



1.7831, 0.8565, 2.9166

Inverse Universe

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



70.7609, 74.1140, 80.3917



93.8340, 98.2206, 106.4827



70.8092, 74.9203, 81.2288



15.2741, 15.9932, 17.3434



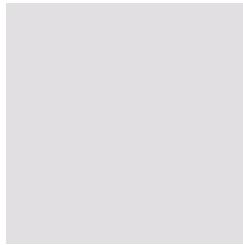
17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 71.0296, 74.2191, 81.8162 looks on a white background.

Color Contrast Check

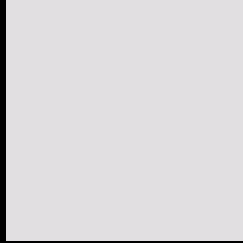
Large Text (above 18pt) WCAG AA × Fail

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 71.0296, 74.2191, 81.8162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

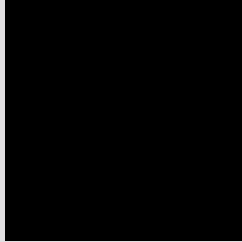
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

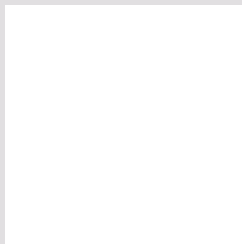
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0296, 74.2191, 81.8162

Background



This preview shows how black text looks on a background with the XYZ color 71.0296, 74.2191, 81.8162.



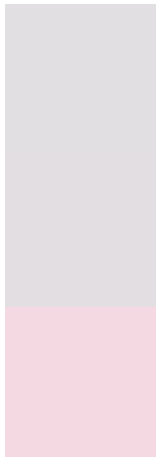
This preview shows how white text looks on a background with the XYZ color 71.0296, 74.2191,

81.8162.

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

71.0296, 74.2191, 81.8162

Protanopia

71.3904, 74.0097, 81.7568

Deuteranopia

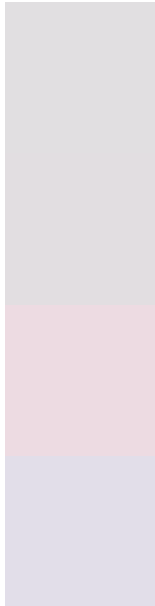
75.8485, 74.3498, 82.3048



Tritanopia

72.9676, 74.2168, 91.3684

Trichromacy



Original Color

71.0296, 74.2191, 81.8162

Protanomaly

71.0759, 73.8475, 81.7421

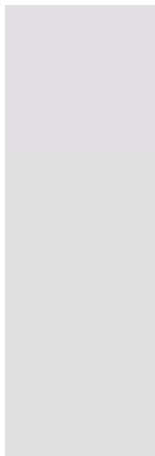
Deuteranomaly

73.9840, 74.1585, 82.3662

Tritanomaly

72.1933, 74.2945, 87.6261

Monochromacy



Original Color

71.0296, 74.2191, 81.8162

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8507, 74.5404, 81.1745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0296, 74.2191, 81.8162 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, 223, 225) looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 225)  
}
```

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, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 225) }
```

Border

The CSS property to change the border of an element to XYZ 71.0296, 74.2191, 81.8162 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, 223, 225) }
```

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

```
.border{ border-color:rgb(225, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
225) }
```


Background

The CSS property to change the background color of an element to XYZ 71.0296, 74.2191, 81.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 225) }
```

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

```
.background{ background-color: rgb(225,  
223, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor