

Converting Colors

XYZ(70.4301, 73.6756, 82.4617)

Have a look what the booklet for
XYZ(70.4301, 73.6756, 82.4617)
contains.

XYZ(70.2802, 73.4215, 82.4191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.2802, 73.4215,
82.4191)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDEE2
RGB	223, 222, 226
RGB Percent	87%, 87%, 89%
CMY	0.1255, 0.1294, 0.1137
CMYK	0.01, 0.02, 0.00, 0.11
HSL	255°, 6%, 88%
HSV	255°, 2%, 89%
XYZ	70.2802, 73.4215, 82.4191
YIQ	222.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

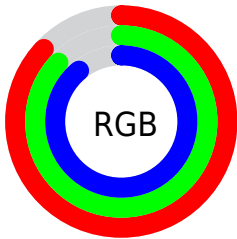
Format	Color
R _Y B	223, 222, 226
Decimal	14671586
CIE Lab	88.65, 1.06, -1.84
CIE LCh	89, 2.129, 300.005
Yxy	73.4215, 0.3108, 0.3247
Android (android.graphics.Color)	4292861666 (0xFFDFDDEE2)
YUV	222.7550, 1.5998, 0.2149
Hunter-Lab	85.6863, -3.5449, 2.9512

Details

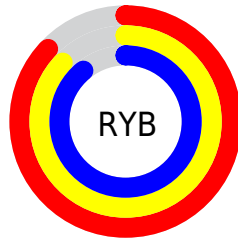
The XYZ color **70.2802, 73.4215, 82.4191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4352, 75.6761, 79.9528**, and the grayscale version is **69.9565, 73.5997, 80.1501**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3179, 38.9025, 44.0702** is the 20% darker color. If you saturate the color by 10%, you get **59.7083, 59.6517, 80.3196**, and if you desaturate by 10%, it is **82.1846, 89.0768, 84.8145**.

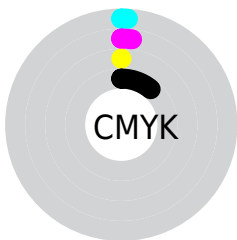
Distribution



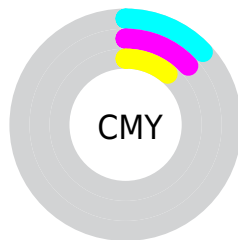
- Red (87%)
- Green (87%)
- Blue (89%)



- Red (87%)
- Yellow (87%)
- Blue (89%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2802, 73.4215, 82.4191 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 70.2802, 73.4215, 82.4191 by changing the saturation by 10% instead.

■ 70.2802, 73.4215,
82.4191

■ 70.2802, 73.4215,
82.4191

450.7843,
472.4744, 522.9687

■ 52.0354, 54.3207,
61.1732

118.6323,
124.0754, 138.6035

■ 37.2577, 38.8581,
43.9335

149.4704,
156.3973, 174.3791

■ 25.5817, 26.6494,
30.2814

185.2370,
193.8950, 215.8351

■ 16.6420, 17.3101,
19.7984

226.2974,
236.9529, 263.3899

■ 10.0733, 10.4558,
12.0660

273.0169,
285.9553, 317.4621

■ 5.5102, 5.7022,
6.6656

325.7610,

■ 2.5874, 2.6649,

341.2868, 378.4703

3.1786

384.8950,
403.3317, 446.8330

■ 0.9395, 0.9594,
1.1865

■ 0.0000, 0.0000,
0.0000

■ 70.2802, 73.4215,
82.4191

■ 70.2802, 73.4215,
82.4191

■ 59.7083, 59.6517,
80.3196

■ 82.1846, 89.0768,
84.8145

■ 50.4155, 47.6864,
78.4998

■ 90.7277, 98.2711,
86.1390

■ 42.3540, 37.4528,
76.9494

■ 35.4704, 28.8693,
75.6554

■ 29.7075, 21.8478,
74.6039

■ 25.0029, 16.2918,
73.7794

■ 21.2879, 12.0938,
73.1649

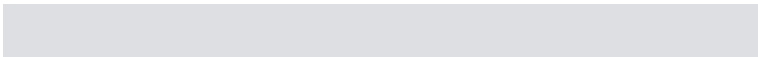
■ 18.4847, 9.1310,
72.7408

■ 16.5028, 7.2575,
72.4836

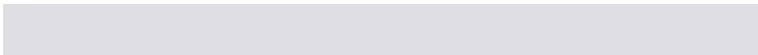
Harmonies

Analogous

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



69.7850, 73.4215, 82.8067



70.2802, 73.4215, 82.4191



70.6442, 73.4215, 81.3665

Triad

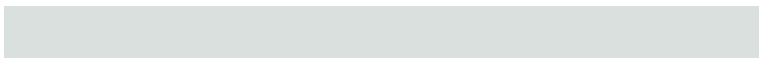
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2802, 73.4215, 82.4191



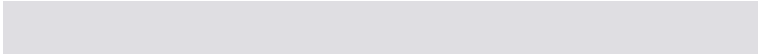
70.2800, 73.4215, 77.5178



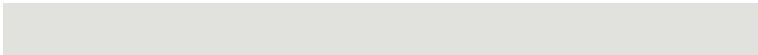
68.8015, 73.4215, 79.9438

Complementary

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



70.2802, 73.4215, 82.4191



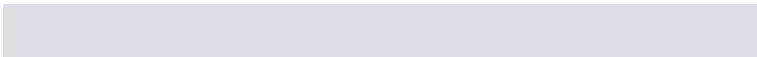
71.4352, 75.6761, 79.9528

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.



68.9327, 73.4215, 78.5372



70.2802, 73.4215, 82.4191



69.7848, 73.4215, 77.1471

Square

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



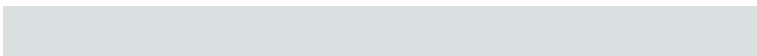
70.2802, 73.4215, 82.4191



70.6441, 73.4215, 78.5368



69.2920, 73.4215, 77.5180



68.9328, 73.4215, 81.3670

Rectangle

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



70.2802, 73.4215, 82.4191



70.7625, 73.4215, 80.4357



69.2920, 73.4215, 77.5180



68.8164, 73.4215, 79.4534

Sweetspot

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



70.2823, 73.4246, 82.4207



93.5412, 98.0226, 108.5978



70.7974, 74.9093, 82.6801



20.0376, 21.0017, 23.2476



0.0000, 0.0000, 0.0000



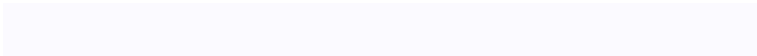
20.3446, 21.4041, 23.3091

Same Dimension

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



70.2823, 73.4246, 82.4207



92.0501, 96.0702, 108.2996



70.8817, 73.7336, 82.4488



15.0017, 15.6648, 17.6206



8.8648, 3.6653, 41.2886



0.6956, 0.2959, 2.8657

Inverse Universe

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



71.0785, 73.8508, 81.7462



93.2404, 96.7074, 107.2901



70.8356, 75.3670, 79.9248



15.1834, 15.7621, 17.4666



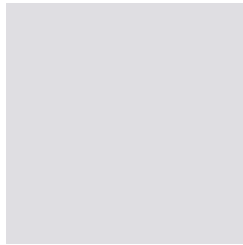
22.0633, 10.8923, 22.7968



1.5644, 0.7690, 1.7647

Previews

White Background



This preview shows how the XYZ color 70.2802, 73.4215, 82.4191 looks on a white background.

Color Contrast Check

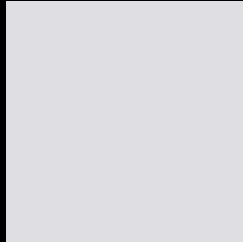
Large Text (above 18pt) WCAG AA × Fail

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 70.2802, 73.4215, 82.4191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

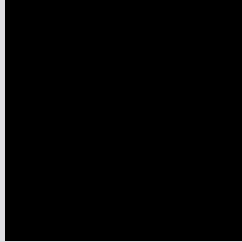
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

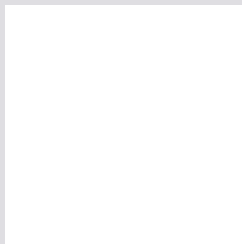
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2802, 73.4215, 82.4191

Background



This preview shows how black text looks on a background with the XYZ color 70.2802, 73.4215, 82.4191.

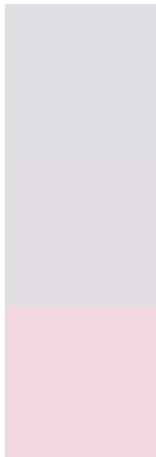


This preview shows how white text looks on a background with the XYZ color 70.2802, 73.4215,

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

70.2802, 73.4215, 82.4191

Protanopia

70.6353, 73.2114, 82.3598

Deuteranopia

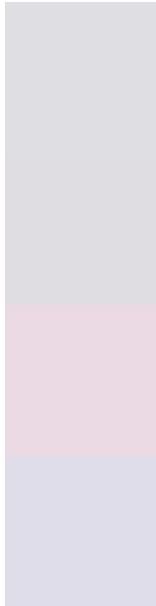
75.0389, 73.5350, 82.9117



Tritanopia

72.0772, 73.3670, 91.2513

Trichromacy



Original Color

70.2802, 73.4215, 82.4191

Protanomaly

70.3244, 73.0512, 82.3453

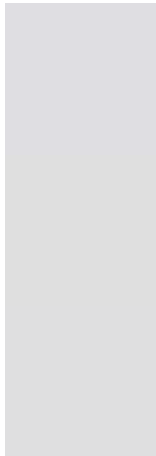
Deuteranomaly

73.1975, 73.3510, 82.9733

Tritanomaly

71.4482, 73.5007, 88.2632

Monochromacy



Original Color

70.2802, 73.4215, 82.4191

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2736, 73.8451, 81.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2802, 73.4215, 82.4191 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(223, 222, 226) looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 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(223, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 226) }
```

Border

The CSS property to change the border of an element to XYZ 70.2802, 73.4215, 82.4191 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(223, 222, 226) }
```


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

```
.border{ border-color:rgb(223, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 222,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2802, 73.4215, 82.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 226) }
```

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

```
.background{ background-color: rgb(223,  
222, 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](#).

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