

Converting Colors

XYZ(68.1816, 71.6503, 79.2382)

Have a look what the booklet for
XYZ(68.1816, 71.6503, 79.2382)
contains.

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Color

**XYZ(68.2932, 71.6760,
79.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDCDE
RGB	220, 220, 222
RGB Percent	86%, 86%, 87%
CMY	0.1372, 0.1372, 0.1294
CMYK	0.01, 0.01, 0.00, 0.13
HSL	240°, 3%, 87%
HSV	240°, 1%, 87%
XYZ	68.2932, 71.6760, 79.3426
YIQ	220.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

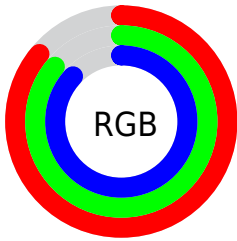
Format	Color
R _Y B	220, 220, 222
Decimal	14474462
CIE Lab	87.81, 0.37, -0.99
CIE LCh	88, 1.054, 290.326
Yxy	71.6760, 0.3114, 0.3268
Android (android.graphics.Color)	4292664542 (0xFFDCDCDE)
YUV	220.2280, 0.8736, -0.2000
Hunter-Lab	84.6617, -4.1691, 3.6982

Details

The XYZ color **68.2932, 71.6760, 79.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1637, 72.9384, 78.1443**, and the grayscale version is **68.1829, 71.7337, 78.1180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9472, 37.6996, 41.9413** is the 20% darker color. If you saturate the color by 10%, you get **56.5810, 57.5720, 77.2386**, and if you desaturate by 10%, it is **81.6724, 87.7875, 81.7483**.

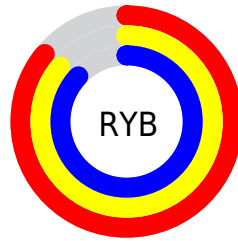
Distribution



Red (86%)

Green (86%)

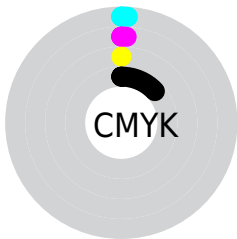
Blue (87%)



Red (86%)

Yellow (86%)

Blue (87%)

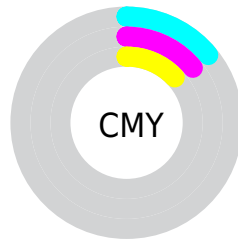


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2932, 71.6760, 79.3426 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 68.2932, 71.6760, 79.3426 by changing the saturation by 10% instead.

■ 68.2932, 71.6760,
79.3426

■ 68.2932, 71.6760,
79.3426

443.8946,
466.4131, 512.3628

■ 50.4108, 52.8940,
58.6546

115.8111,
121.5958, 134.2441

■ 35.9591, 37.7182,
41.9169

146.1774,
153.5024, 169.2946

■ 24.5726, 25.7640,
28.7112

181.4356,
190.5527, 209.9697

■ 15.8859, 16.6472,
18.6187

221.9513,
233.1310, 256.6880

■ 9.5338, 9.9833,
11.2211

268.0896,
281.6219, 309.8678

■ 5.1508, 5.3879,
6.0997

320.2161,

■ 2.3717, 2.4766,

336.4096, 369.9279

2.8360

378.6959,
397.8785, 437.2867

■ 0.8310, 0.8649,
1.0115

■ 0.0000, 0.0000,
0.0000

■ 68.2932, 71.6760,
79.3426

■ 68.2932, 71.6760,
79.3426

■ 56.5810, 57.5720,
77.2386

■ 81.6724, 87.7875,
81.7483

■ 46.4646, 45.3880,
75.4201

■ 90.1850, 98.0540,
83.2813

■ 37.8769, 35.0439,
73.8761

■ 30.7437, 26.4503,
72.5933

■ 24.9843, 19.5104,
71.5573

■ 20.5106, 14.1180,
70.7523

■ 17.2238, 10.1547,
70.1605

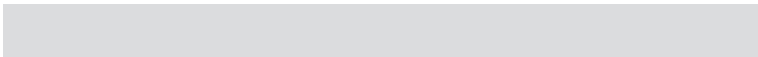
■ 15.0113, 7.4847,
69.7618

■ 13.7384, 5.9465,
69.5320

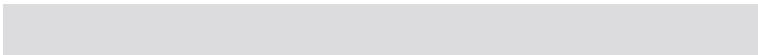
Harmonies

Analogous

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



68.0451, 71.6760, 79.4096



68.2932, 71.6760, 79.3426



68.4970, 71.6760, 78.9262

Triad

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



68.2932, 71.6760, 79.3426



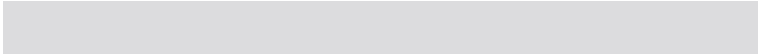
68.4336, 71.6760, 76.9869



67.6526, 71.6760, 77.8116

Complementary

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



68.2932, 71.6760, 79.3426



69.1637, 72.9384, 78.1443

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.



67.7561, 71.6760, 77.1664



68.2932, 71.6760, 79.3426



68.2068, 71.6760, 76.6921

Square

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



68.2932, 71.6760, 79.3426



68.5782, 71.6760, 77.5652



67.9588, 71.6760, 76.7576



67.6756, 71.6760, 78.5227

Rectangle

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



68.2932, 71.6760, 79.3426



68.5801, 71.6760, 78.5079



67.9588, 71.6760, 76.7576



67.6737, 71.6760, 77.5799

Sweetspot

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



68.2952, 71.6791, 79.3442

95.0500, 100.0000, 108.9000



68.8178, 72.7314, 79.4963



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.



68.2952, 71.6791, 79.3442



93.3115, 97.9065, 108.5875



68.5877, 71.8283, 79.3576



15.1943, 15.9453, 17.6646



7.8353, 3.1402, 41.2415



0.5439, 0.2192, 2.8589

Inverse Universe

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



68.6372, 71.8845, 77.9714



93.8348, 98.2209, 106.4869



68.8695, 72.7883, 78.1309



15.2742, 15.9933, 17.3441



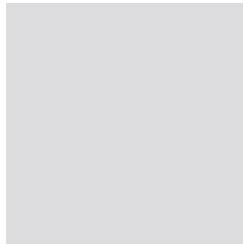
17.8951, 9.2250, 0.8474



1.2408, 0.6396, 0.0608

Previews

White Background



This preview shows how the XYZ color 68.2932, 71.6760, 79.3426 looks on a white background.

Color Contrast Check

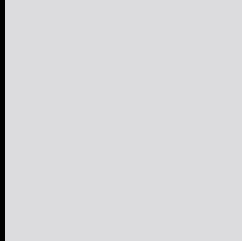
Large Text (above 18pt) WCAG AA × Fail

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 68.2932, 71.6760, 79.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

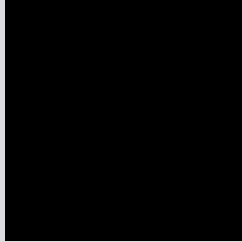
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

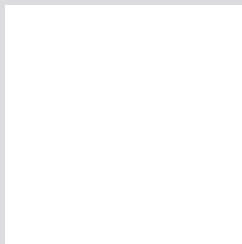
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2932, 71.6760, 79.3426

Background



This preview shows how black text looks on a background with the XYZ color 68.2932, 71.6760, 79.3426.

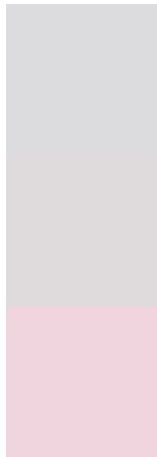


This preview shows how white text looks on a background with the XYZ color 68.2932, 71.6760,

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

68.2932, 71.6760, 79.3426

Protanopia

68.8141, 71.5715, 78.5944

Deuteranopia

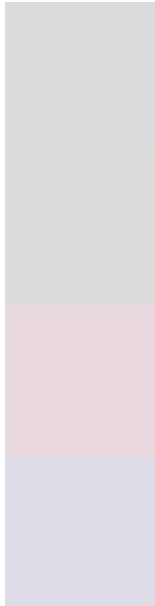
73.0487, 71.4415, 79.7515



Tritanopia

70.1910, 71.6706, 88.7316

Trichromacy



Original Color

68.2932, 71.6760, 79.3426

Protanomaly

68.5069, 71.4131, 78.5800

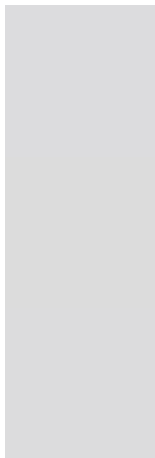
Deuteranomaly

71.4794, 71.7631, 79.8963

Tritanomaly

69.4332, 71.7484, 85.0522

Monochromacy



Original Color

68.2932, 71.6760, 79.3426

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.1595, 71.6225, 78.6387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2932, 71.6760, 79.3426 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(220, 220, 222) looks like.

```
.text, #text, p{  
    color:rgb(220, 220, 222)  
}
```

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(220, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 220, 222) }
```

Border

The CSS property to change the border of an element to XYZ 68.2932, 71.6760, 79.3426 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(220, 220, 222) }
```

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

```
.border{ border-color:rgb(220, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 220, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 220, 222); box-shadow:4px 4px 4px 4px rgb(220, 220, 222) }
```


Background

The CSS property to change the background color of an element to XYZ 68.2932, 71.6760, 79.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 220, 222) }
```

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

```
.background{ background-color: rgb(220,  
220, 222) }
```

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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