

Converting Colors

XYZ(70.6866, 74.1641, 82.4589)

Have a look what the booklet for
XYZ(70.6866, 74.1641, 82.4589)
contains.

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Color

**XYZ(70.5466, 73.9543,
82.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDFE2
RGB	223, 223, 226
RGB Percent	87%, 87%, 89%
CMY	0.1255, 0.1255, 0.1137
CMYK	0.01, 0.01, 0.00, 0.11
HSL	240°, 5%, 88%
HSV	240°, 1%, 89%
XYZ	70.5466, 73.9543, 82.5079
YIQ	223.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

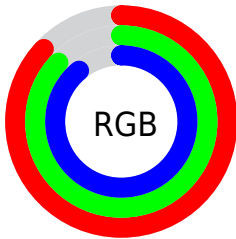
Format	Color
R_{YB}	223, 223, 226
Decimal	14671842
CIE Lab	88.90, 0.55, -1.47
CIE LCh	89, 1.572, 290.354
Yxy	73.9543, 0.3108, 0.3258
Android (android.graphics.Color)	4292861922 (0xFFDFDFE2)
YUV	223.3420, 1.3104, -0.2999
Hunter-Lab	85.9967, -4.0633, 3.3130

Details

The XYZ color **70.5466, 73.9543, 82.5079** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8798, 75.8884, 80.6727**, and the grayscale version is **70.3757, 74.0407, 80.6303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5018, 39.2704, 44.1315** is the 20% darker color. If you saturate the color by 10%, you get **58.4089, 59.3346, 80.3268**, and if you desaturate by 10%, it is **84.4220, 90.6676, 85.0037**.

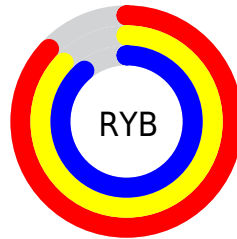
Distribution



Red (87%)

Green (87%)

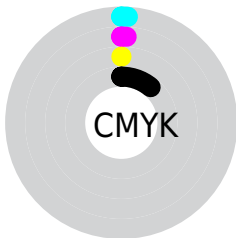
Blue (89%)



Red (87%)

Yellow (87%)

Blue (89%)

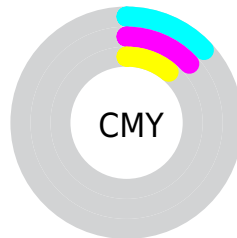


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5466, 73.9543, 82.5079 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 70.5466, 73.9543, 82.5079 by changing the saturation by 10% instead.

■ 70.5466, 73.9543,
82.5079

■ 70.5466, 73.9543,
82.5079

451.7034,
474.3156, 523.2730

■ 52.2535, 54.7566,
61.2460

119.0099,
124.8310, 138.7291

■ 37.4322, 39.2069,
43.9919

149.9109,
157.2789, 174.5255

■ 25.7175, 26.9207,
30.3270

185.7451,
194.9122, 216.0038

■ 16.7440, 17.5137,
19.8328

226.8780,
238.1155, 263.5825

■ 10.1463, 10.6014,
12.0907

273.6749,
287.2731, 317.6803

■ 5.5591, 5.7995,
6.6822

326.5013,

■ 2.6170, 2.7235,

342.7694, 378.7156

3.1887

385.7223,
404.9888, 447.1070

■ 0.9546, 0.9892,
1.1918

■ 0.0000, 0.0000,
0.0000

■ 70.5466, 73.9543,
82.5079

■ 70.5466, 73.9543,
82.5079

■ 58.4089, 59.3346,
80.3268

■ 84.4220, 90.6676,
85.0037

■ 47.9344, 46.7169,
78.4435

■ 90.7277, 98.2711,
86.1390

■ 39.0526, 36.0170,
76.8463

■ 31.6857, 27.1412,
75.5214

■ 25.7489, 19.9876,
74.4535

■ 21.1497, 14.4446,
73.6260

■ 17.7842, 10.3875,
73.0203

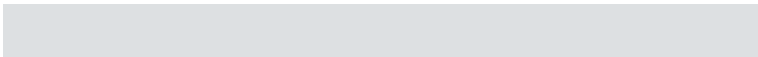
■ 15.5335, 7.6732,
72.6150

■ 14.2555, 6.1304,
72.3846

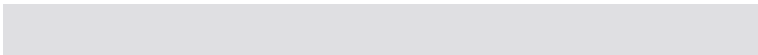
Harmonies

Analogous

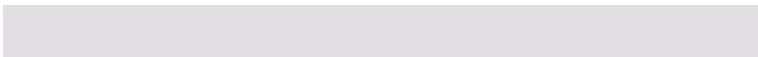
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.1686, 73.9543, 82.6110



70.5466, 73.9543, 82.5079



70.8573, 73.9543, 81.8705

Triad

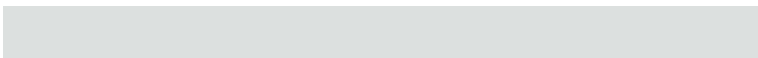
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5466, 73.9543, 82.5079



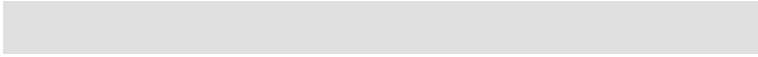
70.7601, 73.9543, 78.9180



69.5712, 73.9543, 80.1724

Complementary

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



70.5466, 73.9543, 82.5079



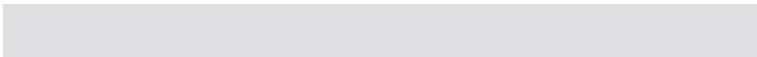
71.8798, 75.8884, 80.6727

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.



69.7284, 73.9543, 79.1917



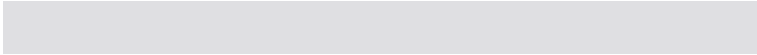
70.5466, 73.9543, 82.5079



70.4142, 73.9543, 78.4718

Square

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



70.5466, 73.9543, 82.5079



70.9808, 73.9543, 79.7957



70.0367, 73.9543, 78.5715



69.6064, 73.9543, 81.2560

Rectangle

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



70.5466, 73.9543, 82.5079



70.9839, 73.9543, 81.2315



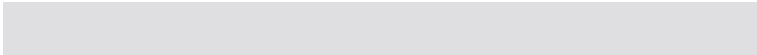
70.0367, 73.9543, 78.5715



69.6033, 73.9543, 79.8199

Sweetspot

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



70.5487, 73.9575, 82.5095

95.0500, 100.0000, 108.9000



71.3495, 75.5701, 82.7426



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

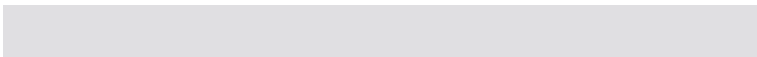
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5487, 73.9575, 82.5095



91.5949, 95.8383, 108.2788



70.9965, 74.1869, 82.5302



14.9322, 15.6294, 17.6175



7.8338, 3.1371, 41.2410



0.5435, 0.2184, 2.8587

Inverse Universe

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



71.0726, 74.2733, 80.4060



92.6351, 96.4653, 104.1025



71.4280, 75.6569, 80.6518



15.0910, 15.7251, 16.9799



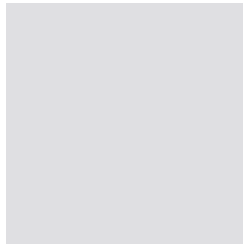
17.8943, 9.2247, 0.8433



1.2406, 0.6395, 0.0597

Previews

White Background



This preview shows how the XYZ color 70.5466, 73.9543, 82.5079 looks on a white background.

Color Contrast Check

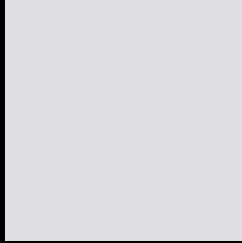
Large Text (above 18pt) WCAG AA × Fail

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 70.5466, 73.9543, 82.5079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

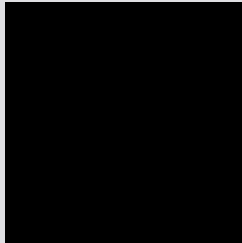
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

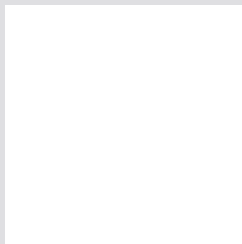
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5466, 73.9543, 82.5079

Background



This preview shows how black text looks on a background with the XYZ color 70.5466, 73.9543, 82.5079.

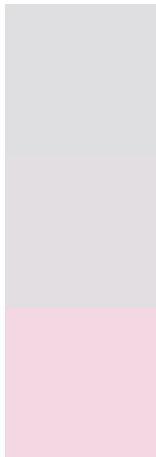


This preview shows how white text looks on a background with the XYZ color 70.5466, 73.9543,

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

70.5466, 73.9543, 82.5079

Protanopia

71.0759, 73.8475, 81.7421

Deuteranopia

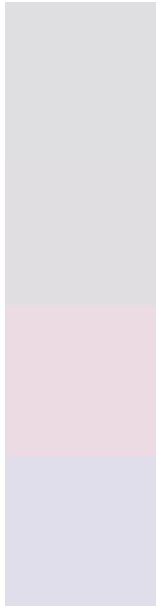
75.3831, 73.7125, 82.9279



Tritanopia

72.4878, 73.9524, 92.1151

Trichromacy



Original Color

70.5466, 73.9543, 82.5079

Protanomaly

70.7632, 73.6863, 81.7274

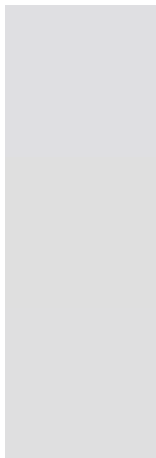
Deuteranomaly

73.7887, 74.0420, 83.0755

Tritanomaly

71.7130, 74.0304, 88.3515

Monochromacy



Original Color

70.5466, 73.9543, 82.5079

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 70.5466, 73.9543, 82.5079 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, 223, 226) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 70.5466, 73.9543, 82.5079 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, 223, 226) }
```

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

```
.border{ border-color:rgb(223, 223, 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, 223, 226)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 70.5466, 73.9543, 82.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(223,  
223, 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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