

Converting Colors

XYZ(70.9151, 75.4202, 83.4939)

Have a look what the booklet for
XYZ(70.9151, 75.4202, 83.4939)
contains.

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Color

**XYZ(70.8803, 75.3109,
83.4737)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2E3
RGB	221, 226, 227
RGB Percent	87%, 89%, 89%
CMY	0.1333, 0.1137, 0.1098
CMYK	0.03, 0.00, 0.00, 0.11
HSL	190°, 10%, 88%
HSV	190°, 3%, 89%
XYZ	70.8803, 75.3109, 83.4737
YIQ	224.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

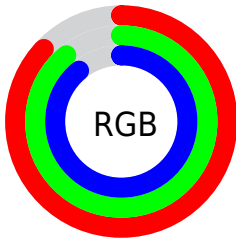
Format	Color
RYB	221, 224, 227
Decimal	14541539
CIELab	89.54, -1.49, -1.08
CIELCh	90, 1.841, 216.036
Yxy	75.3109, 0.3086, 0.3279
Android (android.graphics.Color)	4292731619 (0xFFDDE2E3)
YUV	224.6190, 1.1738, -3.1739
Hunter-Lab	86.7819, -6.0759, 3.7175

Details

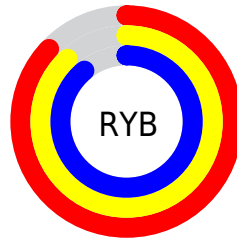
The XYZ color **70.8803, 75.3109, 83.4737** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8512, 73.7932, 78.9171**, and the grayscale version is **71.2899, 75.0026, 81.6778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7352, 40.2114, 44.8024** is the 20% darker color. If you saturate the color by 10%, you get **63.4175, 69.9607, 82.8355**, and if you desaturate by 10%, it is **79.3044, 81.1943, 84.1665**.

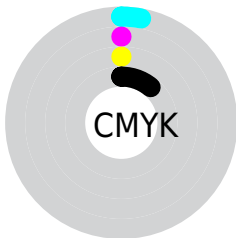
Distribution



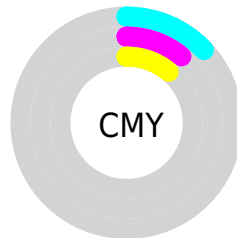
- Red (87%)
- Green (89%)
- Blue (89%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8803, 75.3109, 83.4737 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 70.8803, 75.3109, 83.4737 by changing the saturation by 10% instead.

■ 70.8803, 75.3109,
83.4737

■ 70.8803, 75.3109,
83.4737

452.8532,
478.9855, 526.5762

■ 52.5267, 55.8676,
62.0381

119.4827,
126.7524, 140.0939

■ 37.6510, 40.0968,
44.6275

150.4622,
159.5193, 176.1156

■ 25.8879, 27.6140,
30.8233

186.3811,
197.4963, 217.8364

■ 16.8721, 18.0349,
20.2070

227.6047,
241.0677, 265.6749

■ 10.2381, 10.9751,
12.3600

274.4983,
290.6180, 320.0495

■ 5.6206, 6.0501,
6.8639

327.4274,

■ 2.6542, 2.8755,

346.5314, 381.3790

3.3000

386.7573,
409.1925, 450.0817

■ 0.9737, 1.0671,
1.2498

■ 0.0000, 0.0000,
0.0201

■ 70.8803, 75.3109,
83.4737

■ 70.8803, 75.3109,
83.4737

■ 63.4175, 69.9607,
82.8355

■ 79.3044, 81.1943,
84.1665

■ 56.8723, 65.1147,
82.2451

■ 84.3986, 85.3927,
84.7083

■ 51.2068, 60.7552,
81.7022

■ 85.4806, 87.5566,
85.0690

■ 46.3782, 56.8600,
81.2049

■ 86.5854, 89.7663,
85.4373

■ 42.3401, 53.4049,
80.7508

■ 87.7134, 92.0222,
85.8133

■ 39.0412, 50.3632,
80.3376

■ 88.8646, 94.3247,
86.1970

■ 36.4241, 47.7053,
79.9625

■ 90.0392, 96.6738,
86.5885

■ 34.4230, 45.3968,
79.6223

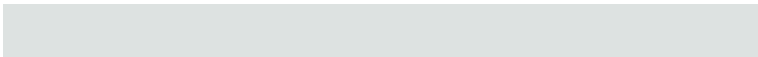
■ 90.8653, 98.3261,
86.8639

■ 32.9581, 43.3964,
79.3134

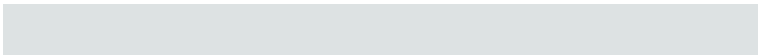
Harmonies

Analogous

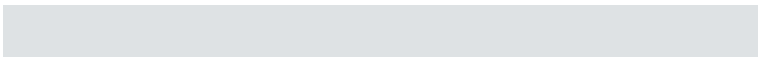
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7200, 75.3109, 82.2628



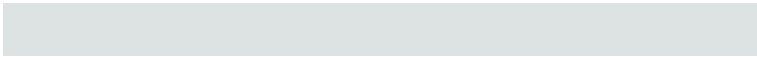
70.8803, 75.3109, 83.4737



71.2284, 75.3109, 84.2962

Triad

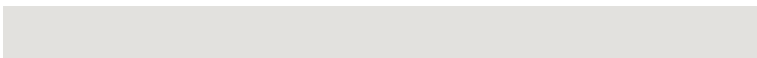
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8803, 75.3109, 83.4737



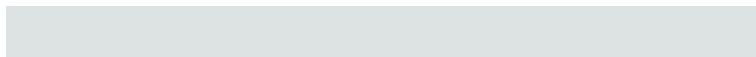
72.3778, 75.3109, 83.0158



71.4894, 75.3109, 79.5505

Complementary

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



70.8803, 75.3109, 83.4737



70.8512, 73.7932, 78.9171

Split Complementary

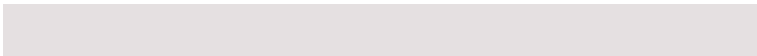
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9343, 75.3109, 79.7474



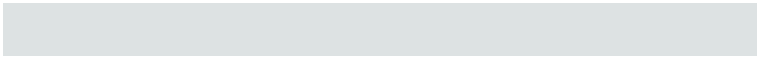
70.8803, 75.3109, 83.4737



72.4485, 75.3109, 81.7393

Square

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



70.8803, 75.3109, 83.4737



72.0932, 75.3109, 84.0299



72.2858, 75.3109, 80.5453



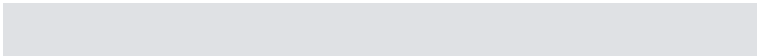
71.0707, 75.3109, 80.0046

Rectangle

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



70.8803, 75.3109, 83.4737



71.5207, 75.3109, 84.5088



72.2858, 75.3109, 80.5453



71.6408, 75.3109, 79.5428

Sweetspot

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



70.8824, 75.3141, 83.4753



93.9831, 99.2497, 108.8114



70.4605, 75.5801, 79.9129



20.1275, 21.2514, 23.2911



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

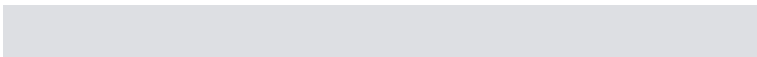
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8824, 75.3141, 83.4753



91.8874, 97.7700, 108.6363



70.0995, 73.7483, 83.2144



15.5464, 16.5892, 18.5270



18.8112, 24.6845, 46.1563



1.4445, 1.9329, 3.4289

Inverse Universe

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



71.2641, 73.5362, 82.3932



92.4540, 95.1342, 107.0290



71.6290, 75.3489, 79.1764



15.6672, 16.0290, 18.1841



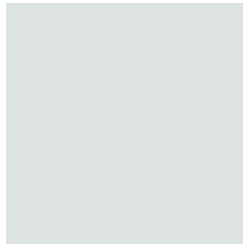
23.8885, 11.6896, 29.3716



1.7927, 0.8748, 2.3150

Previews

White Background



This preview shows how the XYZ color 70.8803, 75.3109, 83.4737 looks on a white background.

Color Contrast Check

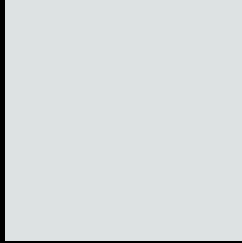
Large Text (above 18pt) WCAG AA × Fail

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 70.8803, 75.3109, 83.4737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

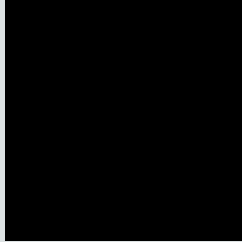
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

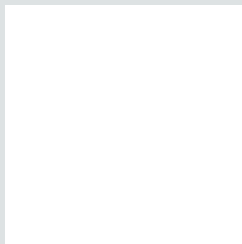
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8803, 75.3109, 83.4737

Background



This preview shows how black text looks on a background with the XYZ color 70.8803, 75.3109, 83.4737.



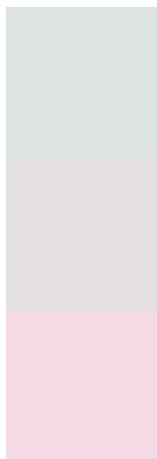
This preview shows how white text looks on a background with the XYZ color 70.8803, 75.3109,

83.4737.

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

70.8803, 75.3109, 83.4737

Protanopia

72.3780, 75.2963, 82.6704

Deuteranopia

76.8704, 75.2124, 84.5947



Tritanopia

72.9643, 75.3502, 93.9175

Trichromacy



Original Color

70.8803, 75.3109, 83.4737

Protanomaly

71.7040, 75.3490, 82.7161

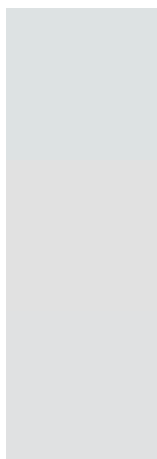
Deuteranomaly

74.4521, 75.1472, 83.9796

Tritanomaly

72.1897, 75.4362, 90.1127

Monochromacy



Original Color

70.8803, 75.3109, 83.4737

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.3932, 75.1887, 82.7016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8803, 75.3109, 83.4737 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(221, 226, 227) looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 227)  
}
```

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(221, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.8803, 75.3109, 83.4737 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(221, 226, 227) }
```


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

```
.border{ border-color:rgb(221, 226, 227) }
```

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

Here you see how a box with a 4 pixel rgb(221, 226, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8803, 75.3109, 83.4737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 227) }
```

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

```
.background{ background-color: rgb(221,  
226, 227) }
```

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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