

Converting Colors

XYZ(70.4443, 74.7534, 80.7270)

Have a look what the booklet for
XYZ(70.4443, 74.7534, 80.7270)
contains.

XYZ(70.3687, 74.7077, 80.5232)	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(70.3687, 74.7077,
80.5232)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE1DF
RGB	222, 225, 223
RGB Percent	87%, 88%, 87%
CMY	0.1294, 0.1176, 0.1255
CMYK	0.01, 0.00, 0.01, 0.12
HSL	140°, 5%, 88%
HSV	140°, 1%, 88%
XYZ	70.3687, 74.7077, 80.5232
YIQ	223.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

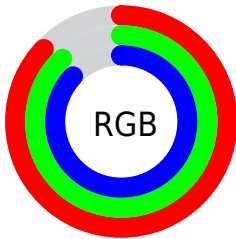
Format	Color
R _Y B	222, 224, 225
Decimal	14606815
CIE Lab	89.26, -1.36, 0.61
CIE LCh	89, 1.496, 155.827
Yxy	74.7077, 0.3119, 0.3312
Android (android.graphics.Color)	4292796895 (0xFFDEE1DF)
YUV	223.8750, -0.4314, -1.6444
Hunter-Lab	86.4336, -5.9356, 5.2678

Details

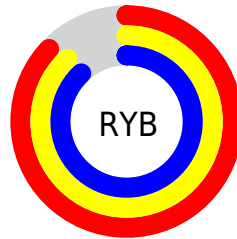
The XYZ color **70.3687, 74.7077, 80.5232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6299, 73.6339, 81.0150**, and the grayscale version is **70.7676, 74.4531, 81.0794**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3790, 39.7921, 42.7563** is the 20% darker color. If you saturate the color by 10%, you get **61.9971, 70.6177, 70.0321**, and if you desaturate by 10%, it is **79.8436, 79.3500, 92.0056**.

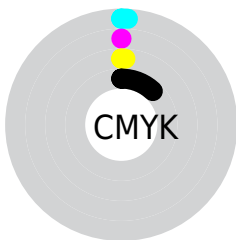
Distribution



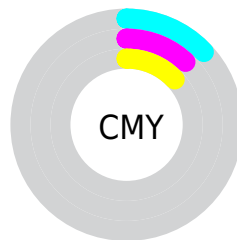
- Red (87%)
- Green (88%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3687, 74.7077, 80.5232 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 70.3687, 74.7077, 80.5232 by changing the saturation by 10% instead.

■ 70.3687, 74.7077,
80.5232

■ 70.3687, 74.7077,
80.5232

451.0898,
476.9123, 516.4475

■ 52.1079, 55.3735,
59.6203

118.7578,
125.8985, 135.9191

■ 37.3157, 39.7008,
42.6894

149.6168,
158.5239, 171.2492

■ 25.6268, 27.3053,
29.3119

185.4058,
196.3484, 212.2254

■ 16.6759, 17.8027,
19.0693

226.4903,
239.7565, 259.2663

■ 10.0975, 10.8084,
11.5430

273.2356,
289.1325, 312.7904

■ 5.5264, 5.9382,
6.3146

326.0070,

■ 2.5972, 2.8075,

344.8609, 373.2163

2.9654

385.1700,
407.3260, 440.9625

■ 0.9445, 1.0321,
1.0770

■ 0.0000, 0.0000,
0.0000

■ 70.3687, 74.7077,
80.5232

■ 70.3687, 74.7077,
80.5232

■ 61.9971, 70.6177,
70.0321

■ 79.8436, 79.3500,
92.0056

■ 54.6818, 67.0499,
60.5012

■ 85.8997, 82.2065,
104.2864

■ 48.3815, 63.9857,
51.9051

■ 86.2166, 82.3333,
105.9555

■ 43.0497, 61.4017,
44.2151

■ 38.6364, 59.2728,
37.4014

■ 35.0866, 57.5713,
31.4324

■ 32.3395, 56.2664,
26.2744

■ 30.3256, 55.3232,
21.8916

■ 28.9628, 54.6999,
18.2451

Harmonies

Analogous

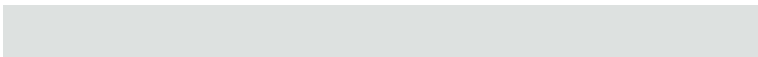
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5972, 74.7077, 79.7242



70.3687, 74.7077, 80.5232



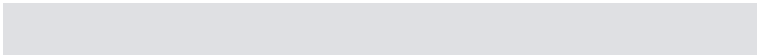
70.3111, 74.7077, 81.5483

Triad

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



70.3687, 74.7077, 80.5232



71.0787, 74.7077, 83.3612



71.5783, 74.7077, 80.1725

Complementary

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



70.3687, 74.7077, 80.5232



70.6299, 73.6339, 81.0150

Split Complementary

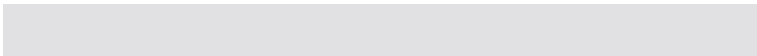
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7083, 74.7077, 81.1400



70.3687, 74.7077, 80.5232



71.4193, 74.7077, 82.9855

Square

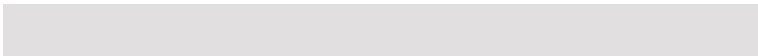
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



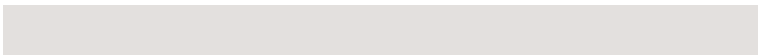
70.3687, 74.7077, 80.5232



70.7203, 74.7077, 83.1926



71.6500, 74.7077, 82.1703



71.2954, 74.7077, 79.5230

Rectangle

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



70.3687, 74.7077, 80.5232



70.3772, 74.7077, 82.2233



71.6500, 74.7077, 82.1703



71.6414, 74.7077, 80.4710

Sweetspot

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



70.3708, 74.7109, 80.5248

95.0500, 100.0000, 108.9000



70.8689, 74.9832, 79.8464



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.



70.3708, 74.7109, 80.5248



92.6555, 98.8283, 105.9540



70.5676, 74.7896, 81.5612



15.0941, 16.0859, 17.2627



16.2940, 31.3424, 9.2710



1.1699, 2.1887, 0.8561

Inverse Universe

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



70.6299, 73.6339, 81.0150



93.1724, 96.6802, 106.9315



70.4337, 73.5554, 79.9813



15.1730, 15.7579, 17.4119



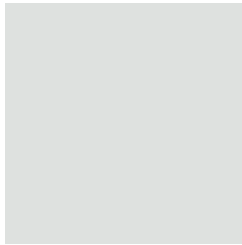
21.1262, 10.5175, 17.8621



1.5053, 0.7454, 1.4540

Previews

White Background



This preview shows how the XYZ color 70.3687, 74.7077, 80.5232 looks on a white background.

Color Contrast Check

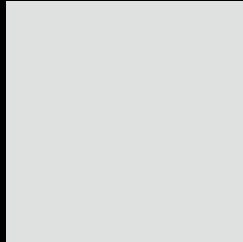
Large Text (above 18pt) WCAG AA × Fail

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 70.3687, 74.7077, 80.5232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

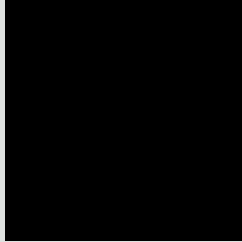
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

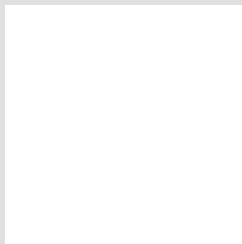
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3687, 74.7077, 80.5232

Background



This preview shows how black text looks on a background with the XYZ color 70.3687, 74.7077, 80.5232.

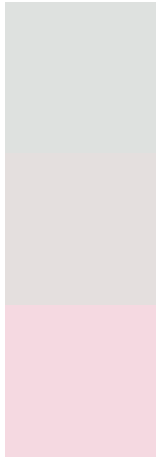


This preview shows how white text looks on a background with the XYZ color 70.3687, 74.7077,

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

70.3687, 74.7077, 80.5232

Protanopia

71.5674, 74.5433, 79.7235

Deuteranopia

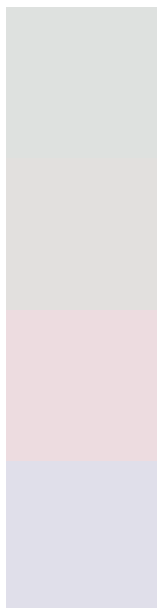
76.0596, 74.4744, 81.6004



Tritanopia

72.9008, 74.5414, 92.9837

Trichromacy



Original Color

70.3687, 74.7077, 80.5232

Protanomaly

71.2045, 74.7540, 79.7833

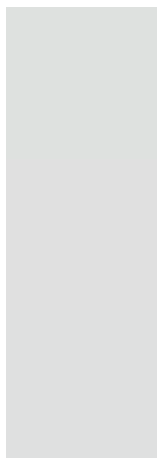
Deuteranomaly

73.9728, 74.5727, 81.0162

Tritanomaly

71.9794, 74.5632, 88.4403

Monochromacy



Original Color

70.3687, 74.7077, 80.5232

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.5416, 74.3811, 81.1601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3687, 74.7077, 80.5232 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(222, 225, 223) looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 223)  
}
```

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(222, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.3687, 74.7077, 80.5232 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(222, 225, 223) }
```

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

```
.border{ border-color:rgb(222, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 70.3687, 74.7077, 80.5232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 223) }
```

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

```
.background{ background-color: rgb(222,  
225, 223) }
```

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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