

Converting Colors

XYZ(70.6298, 74.6640, 83.3277)

Have a look what the booklet for
XYZ(70.6298, 74.6640, 83.3277)
contains.

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Color

**XYZ(70.6091, 74.7686,
83.3833)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE1E3
RGB	221, 225, 227
RGB Percent	87%, 88%, 89%
CMY	0.1333, 0.1176, 0.1098
CMYK	0.03, 0.01, 0.00, 0.11
HSL	200°, 10%, 88%
HSV	200°, 3%, 89%
XYZ	70.6091, 74.7686, 83.3833
YIQ	224.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

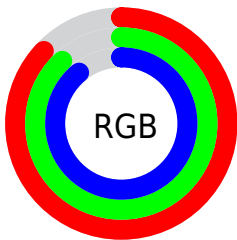
Format	Color
R _Y B	221, 223, 227
Decimal	14541283
CIE Lab	89.28, -0.97, -1.45
CIE LCh	89, 1.750, 236.219
Yxy	74.7686, 0.3087, 0.3268
Android (android.graphics.Color)	4292731363 (0xFFDDE1E3)
YUV	224.0320, 1.4632, -2.6591
Hunter-Lab	86.4688, -5.5602, 3.3539

Details

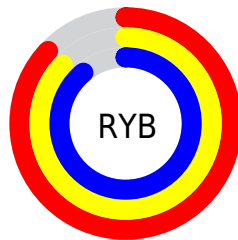
The XYZ color **70.6091, 74.7686, 83.3833** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1175, 74.3259, 79.0057**, and the grayscale version is **70.8676, 74.5583, 81.1939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5470, 39.8350, 44.7397** is the 20% darker color. If you saturate the color by 10%, you get **62.1633, 67.4523, 82.4174**, and if you desaturate by 10%, it is **80.0840, 82.7537, 84.4263**.

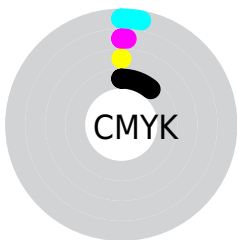
Distribution



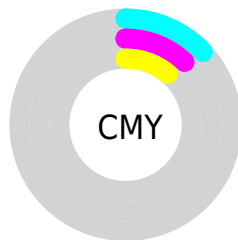
- Red (87%)
- Green (88%)
- Blue (89%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6091, 74.7686, 83.3833 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 70.6091, 74.7686, 83.3833 by changing the saturation by 10% instead.

■ 70.6091, 74.7686,
83.3833

■ 70.6091, 74.7686,
83.3833

451.9189,
477.1218, 526.2675

■ 52.3046, 55.4233,
61.9640

119.0985,
125.9848, 139.9662

■ 37.4732, 39.7408,
44.5680

150.0142,
158.6244, 175.9669

■ 25.7494, 27.3365,
30.7768

185.8643,
196.4644, 217.6650

■ 16.7680, 17.8261,
20.1719

227.0142,
239.8890, 265.4792

■ 10.1635, 10.8252,
12.3348

273.8292,
289.2826, 319.8281

■ 5.5706, 5.9494,
6.8468

326.6748,

■ 2.6239, 2.8143,

345.0297, 381.1300

3.2895

385.9162,
407.5147, 449.8036

■ 0.9582, 1.0356,
1.2443

■ 0.0000, 0.0000,
0.0155

■ 70.6091, 74.7686,
83.3833

■ 70.6091, 74.7686,
83.3833

■ 62.1633, 67.4523,
82.4174

■ 80.0840, 82.7537,
84.4263

■ 54.7017, 60.7736,
81.5215

■ 86.2980, 89.1914,
85.3414

■ 48.1857, 54.7131,
80.6952

■ 88.5693, 93.7340,
86.0985

■ 42.5712, 49.2461,
79.9359

■ 90.8653, 98.3261,
86.8639

■ 37.8109, 44.3465,
79.2410

■ 33.8522, 39.9854,
78.6079

■ 30.6368, 36.1307,
78.0333

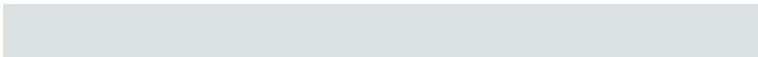
■ 28.0975, 32.7458,
77.5138

■ 26.1535, 29.7872,
77.0452

Harmonies

Analogous

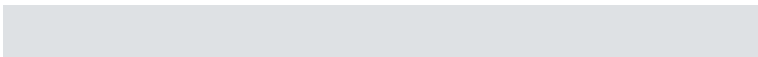
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3302, 74.7686, 82.4551



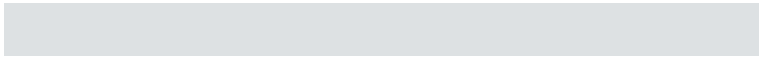
70.6091, 74.7686, 83.3833



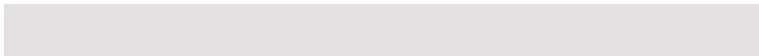
71.0111, 74.7686, 83.7827

Triad

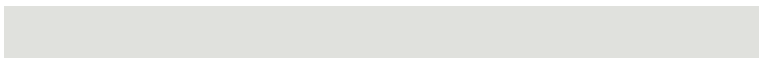
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6091, 74.7686, 83.3833



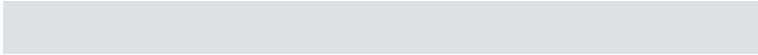
71.8889, 74.7686, 81.5657



70.7027, 74.7686, 79.3159

Complementary

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



70.6091, 74.7686, 83.3833



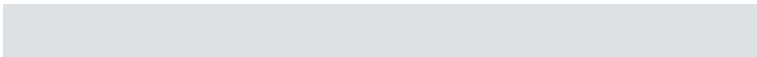
71.1175, 74.3259, 79.0057

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.



71.1196, 74.7686, 79.0831



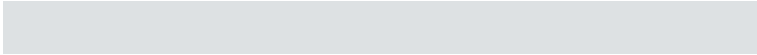
70.6091, 74.7686, 83.3833



71.8055, 74.7686, 80.3743

Square

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



70.6091, 74.7686, 83.3833



71.7509, 74.7686, 82.7267



71.5235, 74.7686, 79.4687



70.3841, 74.7686, 80.1079

Rectangle

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



70.6091, 74.7686, 83.3833



71.2952, 74.7686, 83.6924



71.5235, 74.7686, 79.4687



70.8359, 74.7686, 79.1700

Sweetspot

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



70.6112, 74.7718, 83.3849



93.8480, 98.9794, 108.7664



70.5948, 75.6338, 80.6205



20.1000, 21.1965, 23.2819



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

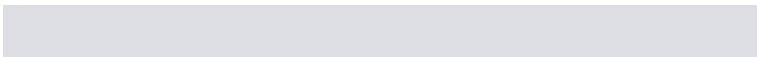
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6112, 74.7718, 83.3849



91.4847, 96.9646, 108.5020



69.8329, 73.2150, 83.1255



15.4605, 16.4174, 18.4983



14.6962, 16.4545, 44.7846



1.1705, 1.3849, 3.3376

Inverse Universe

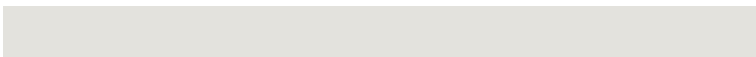
The Inverse Universe completely reimagines the original color for something new.



71.1272, 73.4814, 81.6724



92.2508, 95.0529, 105.9587



71.9000, 75.8909, 79.2665



15.6238, 16.0116, 17.9557



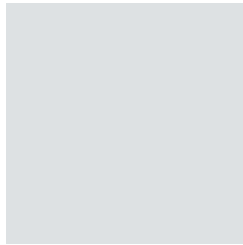
21.8115, 10.8588, 18.4340



1.6544, 0.8195, 1.5867

Previews

White Background



This preview shows how the XYZ color 70.6091, 74.7686, 83.3833 looks on a white background.

Color Contrast Check

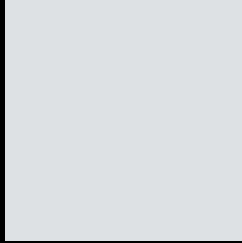
Large Text (above 18pt) WCAG AA × Fail

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 70.6091, 74.7686, 83.3833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

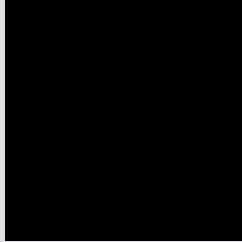
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

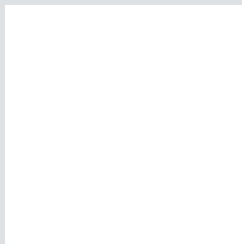
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6091, 74.7686, 83.3833

Background



This preview shows how black text looks on a background with the XYZ color 70.6091, 74.7686, 83.3833.

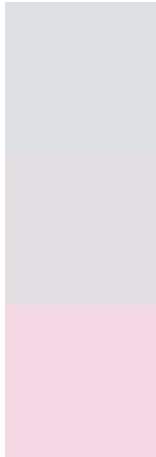


This preview shows how white text looks on a background with the XYZ color 70.6091, 74.7686,

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

70.6091, 74.7686, 83.3833

Protanopia

72.1101, 74.7603, 82.5811

Deuteranopia

76.2639, 74.5159, 84.4922



Tritanopia

72.6963, 74.8142, 93.8282

Trichromacy



Original Color

70.6091, 74.7686, 83.3833

Protanomaly

71.4345, 74.8098, 82.6263

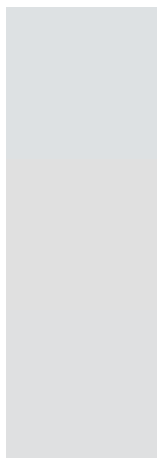
Deuteranomaly

74.1889, 74.6207, 83.8919

Tritanomaly

71.9202, 74.8970, 90.0229

Monochromacy



Original Color

70.6091, 74.7686, 83.3833

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6777, 74.4355, 81.8765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6091, 74.7686, 83.3833 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, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 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, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.6091, 74.7686, 83.3833 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, 225, 227) }
```


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

```
.border{ border-color:rgb(221, 225, 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, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6091, 74.7686, 83.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 227) }
```

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

```
.background{ background-color: rgb(221,  
225, 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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