

Converting Colors

XYZ(71.5371, 75.6889, 86.0218)

Have a look what the booklet for
XYZ(71.5371, 75.6889, 86.0218)
contains.

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Color

**XYZ(71.2981, 75.4780,
85.6738)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2E6
RGB	221, 226, 230
RGB Percent	87%, 89%, 90%
CMY	0.1333, 0.1137, 0.0980
CMYK	0.04, 0.02, 0.00, 0.10
HSL	207°, 15%, 88%
HSV	207°, 4%, 90%
XYZ	71.2981, 75.4780, 85.6738
YIQ	224.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

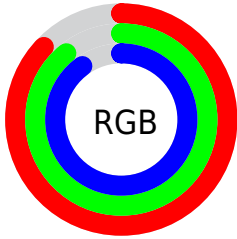
Format	Color
R _Y B	221, 224, 230
Decimal	14541542
CIE Lab	89.62, -0.94, -2.54
CIE LCh	90, 2.710, 249.796
Yxy	75.4780, 0.3067, 0.3247
Android (android.graphics.Color)	4292731622 (0xFFDDE2E6)
YUV	224.9610, 2.4842, -3.4738
Hunter-Lab	86.8781, -5.5473, 2.3465

Details

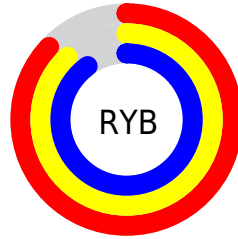
The XYZ color **71.2981, 75.4780, 85.6738** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6098, 75.8933, 79.2298**, and the grayscale version is **71.5268, 75.2517, 81.9491**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0267, 40.3280, 46.3373** is the 20% darker color. If you saturate the color by 10%, you get **62.0748, 66.7243, 84.4714**, and if you desaturate by 10%, it is **81.6505, 85.0636, 86.9795**.

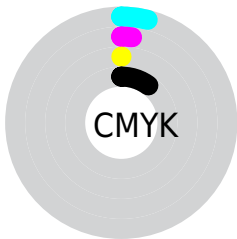
Distribution



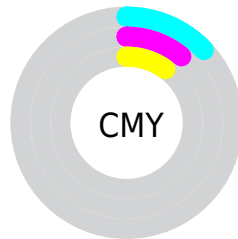
- Red (87%)
- Green (89%)
- Blue (90%)



- Red (87%)
- Yellow (88%)
- Blue (90%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2981, 75.4780, 85.6738 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 71.2981, 75.4780, 85.6738 by changing the saturation by 10% instead.

■ 71.2981, 75.4780,
85.6738

■ 71.2981, 75.4780,
85.6738

454.2905,
479.5589, 534.0576

■ 52.8689, 56.0046,
63.8449

120.0743,
126.9888, 143.1967

■ 37.9252, 40.2066,
46.0797

151.1520,
159.7949, 179.7278

■ 26.1016, 27.6997,
31.9596

187.1766,
197.8140, 221.9967

■ 17.0327, 18.0994,
21.0661

228.5135,
241.4306, 270.4220

■ 10.3533, 11.0214,
12.9806

275.5279,
291.0290, 325.4222

■ 5.6979, 6.0812,
7.2846

328.5854,

■ 2.7012, 2.8945,

346.9936, 387.4159

3.5596

388.0511,
409.7087, 456.8215

■ 0.9978, 1.0769,
1.3870

■ 0.0000, 0.0000,
0.1315

■ 71.2981, 75.4780,
85.6738

■ 71.2981, 75.4780,
85.6738

■ 62.0748, 66.7243,
84.4714

■ 81.6505, 85.0636,
86.9795

■ 53.9326, 58.7672,
83.3647

■ 88.6105, 93.1479,
88.1731

■ 46.8293, 51.5827,
82.3523

■ 91.2831, 98.4933,
89.0640

■ 40.7172, 45.1418,
81.4313

■ 35.5450, 39.4133,
80.5982

■ 31.2560, 34.3633,
79.8495

■ 27.7868, 29.9542,
79.1813

■ 25.0645, 26.1434,
78.5892

■ 23.0010, 22.8801,
78.0681

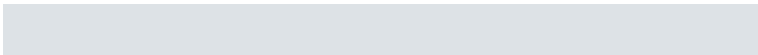
Harmonies

Analogous

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



70.7599, 75.4780, 84.5532



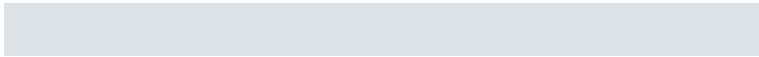
71.2981, 75.4780, 85.6738



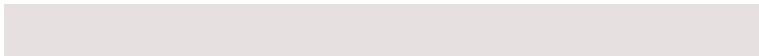
71.9577, 75.4780, 85.8510

Triad

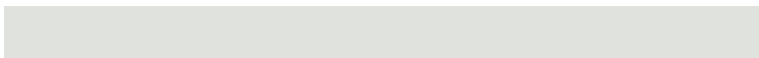
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2981, 75.4780, 85.6738



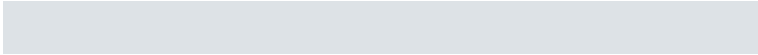
73.0093, 75.4780, 81.5601



70.9228, 75.4780, 79.3962

Complementary

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



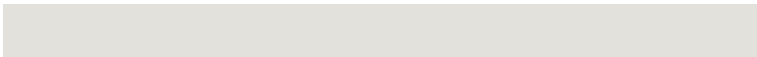
71.2981, 75.4780, 85.6738



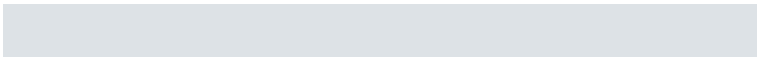
72.6098, 75.8933, 79.2298

Split Complementary

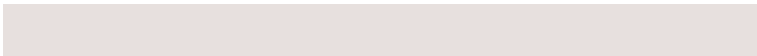
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5218, 75.4780, 78.6204



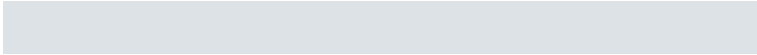
71.2981, 75.4780, 85.6738



72.7283, 75.4780, 79.8569

Square

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



71.2981, 75.4780, 85.6738



72.9484, 75.4780, 83.4562



72.1829, 75.4780, 78.7878



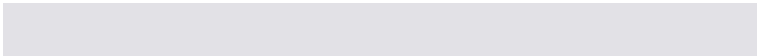
70.5442, 75.4780, 80.9223

Rectangle

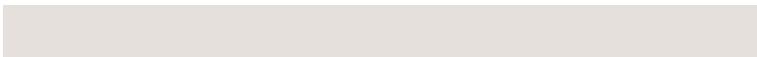
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2981, 75.4780, 85.6738



72.3780, 75.4780, 85.4075



72.1829, 75.4780, 78.7878



71.1049, 75.4780, 79.0401

Sweetspot

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



71.3003, 75.4812, 85.6755



93.7579, 98.7992, 108.7363



71.6938, 77.3978, 82.3245



20.0817, 21.1598, 23.2758



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

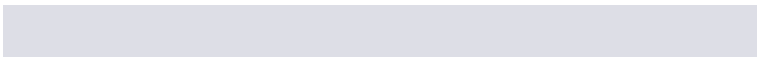
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3003, 75.4812, 85.6755



88.7341, 94.1022, 108.0945



70.1181, 73.1170, 85.2814



15.0084, 15.9324, 18.4286



12.5704, 12.2028, 44.0760



1.0212, 1.0864, 3.2878

Inverse Universe

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



72.2187, 74.0284, 82.4378



90.2183, 91.7739, 102.8585



73.8156, 78.3049, 79.6318



15.2933, 15.4876, 17.4230



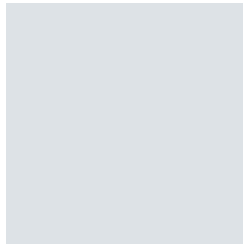
20.7384, 10.4296, 12.7835



1.5791, 0.7893, 1.1900

Previews

White Background



This preview shows how the XYZ color 71.2981, 75.4780, 85.6738 looks on a white background.

Color Contrast Check

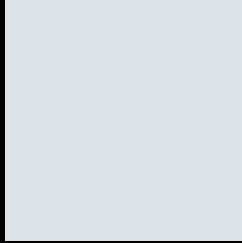
Large Text (above 18pt) WCAG AA × Fail

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 71.2981, 75.4780, 85.6738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

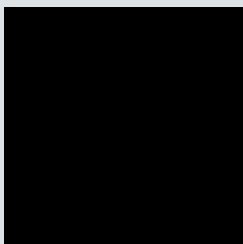
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

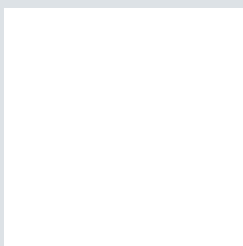
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2981, 75.4780, 85.6738

Background



This preview shows how black text looks on a background with the XYZ color 71.2981, 75.4780, 85.6738.

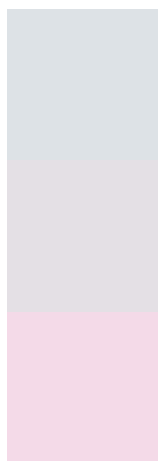


This preview shows how white text looks on a background with the XYZ color 71.2981, 75.4780,

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

71.2981, 75.4780, 85.6738

Protanopia

72.7934, 75.4624, 84.8578

Deuteranopia

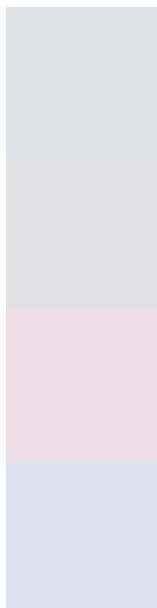
76.9451, 75.2021, 86.8039



Tritanopia

73.1141, 75.4101, 94.7065

Trichromacy



Original Color

71.2981, 75.4780, 85.6738

Protanomaly

72.1194, 75.5151, 84.9035

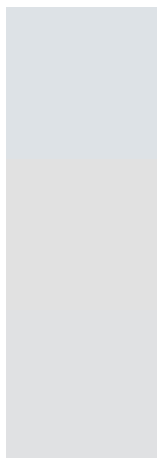
Deuteranomaly

74.8723, 75.3153, 86.1924

Tritanomaly

72.4820, 75.5531, 91.6519

Monochromacy



Original Color

71.2981, 75.4780, 85.6738

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5308, 75.2438, 83.4265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2981, 75.4780, 85.6738 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, 230) looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 230) }
```

Border

The CSS property to change the border of an element to XYZ 71.2981, 75.4780, 85.6738 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, 230) }
```


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

```
.border{ border-color:rgb(221, 226, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2981, 75.4780, 85.6738 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, 230) }
```

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

```
.background{ background-color: rgb(221,  
226, 230) }
```

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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