

Converting Colors

XYZ(67.6654, 72.3051, 86.2148)

Have a look what the booklet for
XYZ(67.6654, 72.3051, 86.2148)
contains.

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Color

**XYZ(67.6754, 72.3938,
86.0078)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DFE7
RGB	211, 223, 231
RGB Percent	83%, 87%, 91%
CMY	0.1725, 0.1255, 0.0941
CMYK	0.09, 0.03, 0.00, 0.09
HSL	204°, 29%, 87%
HSV	204°, 9%, 91%
XYZ	67.6754, 72.3938, 86.0078
YIQ	220.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

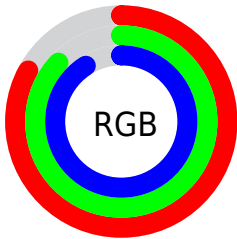
Format	Color
RYB	211, 219, 231
Decimal	13885415
CIELab	88.16, -2.48, -5.30
CIELCh	88, 5.848, 244.937
Yxy	72.3938, 0.2993, 0.3202
Android (android.graphics.Color)	4292075495 (0xFFD3DFE7)
YUV	220.3240, 5.2633, -8.1771
Hunter-Lab	85.0845, -6.9208, -0.3742

Details

The XYZ color **67.6754, 72.3938, 86.0078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0445, 72.3543, 71.9031**, and the grayscale version is **68.2248, 71.7778, 78.1660**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4508, 38.1683, 46.0562** is the 20% darker color. If you saturate the color by 10%, you get **59.1270, 64.4249, 84.9213**, and if you desaturate by 10%, it is **77.3136, 81.1283, 87.1869**.

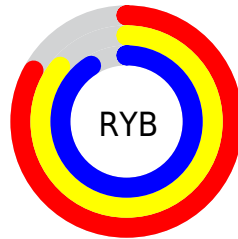
Distribution



Red (83%)

Green (87%)

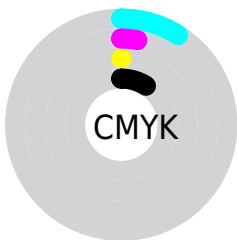
Blue (91%)



Red (83%)

Yellow (86%)

Blue (91%)

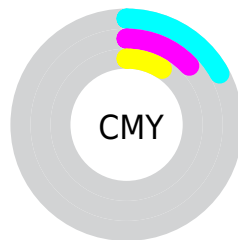


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (17%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6754, 72.3938, 86.0078 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 67.6754, 72.3938, 86.0078 by changing the saturation by 10% instead.

■ 67.6754, 72.3938,
86.0078

■ 67.6754, 72.3938,
86.0078

441.7399,
468.9111, 535.1882

■ 49.9064, 53.4804,
64.1195

114.9321,
122.6162, 143.6670

■ 35.5565, 38.1864,
46.3007

145.1506,
154.6941, 180.2750

■ 24.2604, 26.1274,
32.1328

180.2495,
191.9289, 222.6266

■ 15.6527, 16.9190,
21.1973

220.5944,
234.7051, 271.1404

■ 9.3680, 10.1767,
13.0756

266.5505,
283.4070, 326.2349

■ 5.0410, 5.5163,
7.3493

318.4832,

■ 2.3064, 2.5533,

338.4190, 388.3287

3.5998

376.7579,
400.1256, 457.8403

■ 0.7979, 0.9032,
1.4084

■ 0.0000, 0.0000,
0.1483

■ 67.6754, 72.3938,
86.0078

■ 67.6754, 72.3938,
86.0078

■ 59.1270, 64.4249,
84.9213

■ 77.3136, 81.1283,
87.1869

■ 51.6197, 57.1875,
83.9200

■ 87.2606, 90.2229,
88.4180

■ 45.1100, 50.6578,
83.0028

■ 90.0715, 95.8446,
89.3550

■ 39.5491, 44.8073,
82.1666

■ 91.4240, 98.5496,
89.8058

■ 34.8833, 39.6050,
81.4084

■ 31.0536, 35.0170,
80.7247

■ 27.9926, 31.0049,
80.1116

■ 25.6214, 27.5243,
79.5647

■ 23.8238, 24.5116,
79.0780

Harmonies

Analogous

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



66.6274, 72.3938, 83.3172



67.6754, 72.3938, 86.0078



69.0398, 72.3938, 86.7481

Triad

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



67.6754, 72.3938, 86.0078



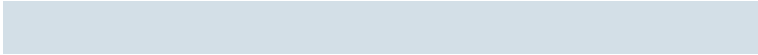
71.5219, 72.3938, 78.1637



67.2798, 72.3938, 72.6788

Complementary

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



67.6754, 72.3938, 86.0078



70.0445, 72.3543, 71.9031

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.



68.5770, 72.3938, 71.3988



67.6754, 72.3938, 86.0078



71.0360, 72.3938, 74.4963

Square

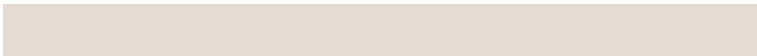
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6754, 72.3938, 86.0078



71.2726, 72.3938, 82.1318



69.9534, 72.3938, 72.0528



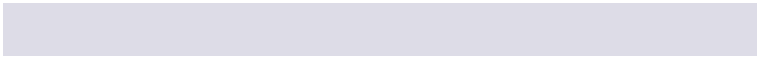
66.4011, 72.3938, 75.6073

Rectangle

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



67.6754, 72.3938, 86.0078



69.9480, 72.3938, 86.0154



69.9534, 72.3938, 72.0528



67.6807, 72.3938, 72.0461

Sweetspot

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



67.6775, 72.3968, 86.0094



91.3233, 96.6419, 108.4482



68.1833, 76.0988, 77.8839



19.3383, 20.4964, 23.1869



0.0000, 0.0000, 0.0000



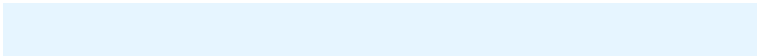
20.3446, 21.4041, 23.3091

Same Dimension

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



67.6775, 72.3968, 86.0094



83.1162, 89.1471, 107.4342



65.1670, 67.3759, 85.1726



14.2987, 15.3188, 18.3475



13.3577, 13.7776, 44.3385



1.0774, 1.1987, 3.3066

Inverse Universe

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



69.5701, 68.9065, 79.4492



85.8495, 84.1564, 97.9490



72.6411, 77.5475, 72.7686



14.7384, 14.5125, 16.8226



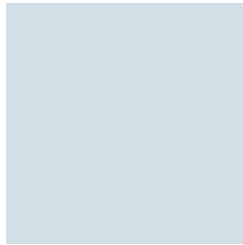
21.1359, 10.5886, 14.8764



1.6074, 0.8007, 1.3393

Previews

White Background



This preview shows how the XYZ color 67.6754, 72.3938, 86.0078 looks on a white background.

Color Contrast Check

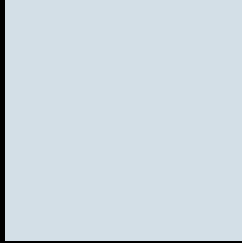
Large Text (above 18pt) WCAG AA × Fail

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 67.6754, 72.3938, 86.0078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

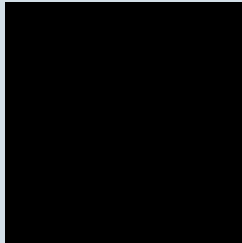
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

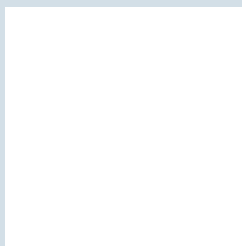
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6754, 72.3938, 86.0078

Background



This preview shows how black text looks on a background with the XYZ color 67.6754, 72.3938, 86.0078.

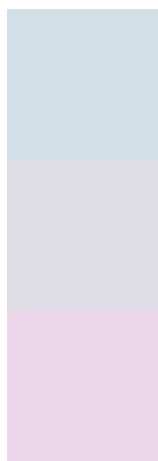


This preview shows how white text looks on a background with the XYZ color 67.6754, 72.3938,

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

67.6754, 72.3938, 86.0078

Protanopia

69.8603, 72.3731, 84.4161

Deuteranopia

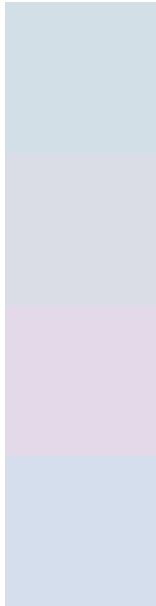
73.6796, 71.9809, 87.1012



Tritanopia

68.8526, 72.4716, 92.0208

Trichromacy



Original Color

67.6754, 72.3938, 86.0078

Protanomaly

69.0528, 72.3315, 85.1848

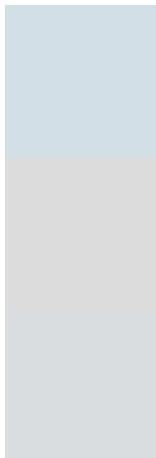
Deuteranomaly

71.3733, 71.9459, 86.4691

Tritanomaly

68.4130, 72.2957, 89.7056

Monochromacy



Original Color

67.6754, 72.3938, 86.0078

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9263, 71.8464, 80.8087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6754, 72.3938, 86.0078 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(211, 223, 231) looks like.

```
.text, #text, p{  
    color:rgb(211, 223, 231)  
}
```

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(211, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 231) }
```

Border

The CSS property to change the border of an element to XYZ 67.6754, 72.3938, 86.0078 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(211, 223, 231) }
```


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

```
.border{ border-color:rgb(211, 223, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 223, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(211, 223,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6754, 72.3938, 86.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 223, 231) }
```

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

```
.background{ background-color: rgb(211,  
223, 231) }
```

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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