

Converting Colors

XYZ(66.8186, 72.1687, 81.2148)

Have a look what the booklet for
XYZ(66.8186, 72.1687, 81.2148)
contains.

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Color

**XYZ(66.7062, 72.0061,
80.9038)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DFE0
RGB	211, 223, 224
RGB Percent	83%, 87%, 88%
CMY	0.1725, 0.1255, 0.1216
CMYK	0.06, 0.00, 0.00, 0.12
HSL	185°, 17%, 85%
HSV	185°, 6%, 88%
XYZ	66.7062, 72.0061, 80.9038
YIQ	219.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

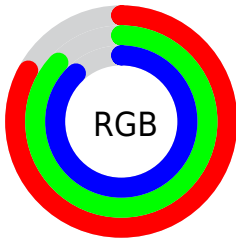
Format	Color
R _Y B	211, 217, 224
Decimal	13885408
CIE Lab	87.97, -3.82, -1.89
CIE LCh	88, 4.257, 206.306
Yxy	72.0061, 0.3037, 0.3279
Android (android.graphics.Color)	4292075488 (0xFFD3DFE0)
YUV	219.5260, 2.2057, -7.4773
Hunter-Lab	84.8564, -8.1786, 2.8712

Details

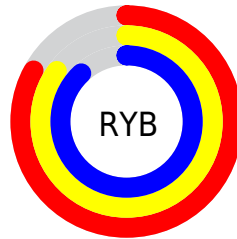
The XYZ color **66.7062, 72.0061, 80.9038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0420, 67.6368, 71.2035**, and the grayscale version is **67.6879, 71.2130, 77.5509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8744, 37.9378, 43.0208** is the 20% darker color. If you saturate the color by 10%, you get **60.2749, 68.0151, 80.4735**, and if you desaturate by 10%, it is **74.0405, 76.4735, 81.3806**.

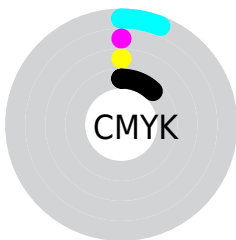
Distribution



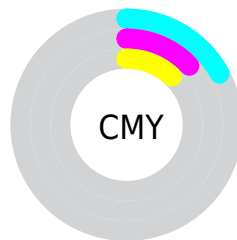
- Red (83%)
- Green (87%)
- Blue (88%)



- Red (83%)
- Yellow (85%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7062, 72.0061, 80.9038 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 66.7062, 72.0061, 80.9038 by changing the saturation by 10% instead.

■ 66.7062, 72.0061,
80.9038

■ 66.7062, 72.0061,
80.9038

438.3472,
467.5628, 517.7604

■ 49.1157, 53.1637,
59.9318

113.5514,
122.0652, 136.4585

■ 34.9262, 37.9334,
42.9388

143.5369,
154.0507, 171.8784

■ 23.7723, 25.9310,
29.5060

178.3848,
191.1859, 212.9513

■ 15.2886, 16.7721,
19.2151

218.4604,
233.8553, 260.0958

■ 9.1098, 10.0721,
11.6474

264.1291,
282.4433, 313.7304

■ 4.8706, 5.4468,
6.3845

315.7562,

■ 2.2055, 2.5117,

337.3343, 374.2737

3.0077

373.7071,
398.9127, 442.1441

■ 0.7456, 0.8825,
1.0986

■ 0.0000, 0.0000,
0.0000

■ 66.7062, 72.0061,
80.9038

■ 66.7062, 72.0061,
80.9038

■ 60.2749, 68.0151,
80.4735

■ 74.0405, 76.4735,
81.3806

■ 54.7037, 64.4724,
80.0834

■ 82.0106, 81.2737,
81.8871

■ 49.9553, 61.3607,
79.7330

■ 82.4811, 82.2145,
82.0439

■ 45.9874, 58.6582,
79.4205

■ 82.9562, 83.1647,
82.2023

42.7536, 56.3410,
79.1437

83.4360, 84.1244,
82.3622

40.2030, 54.3828,
78.9001

83.9205, 85.0934,
82.5237

38.2779, 52.7538,
78.6872

84.4098, 86.0720,
82.6868

36.9110, 51.4194,
78.5016

84.9038, 87.0600,
82.8515

36.0195, 50.3367,
78.3397

85.4026, 88.0575,
83.0177

Harmonies

Analogous

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



66.5118, 72.0061, 78.0431



66.7062, 72.0061, 80.9038



67.3634, 72.0061, 83.1419

Triad

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



66.7062, 72.0061, 80.9038



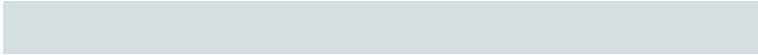
70.0751, 72.0061, 81.5419



68.5654, 72.0061, 72.9597

Complementary

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



66.7062, 72.0061, 80.9038



66.0420, 67.6368, 71.2035

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.



69.5273, 72.0061, 73.8465



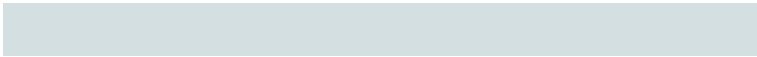
66.7062, 72.0061, 80.9038



70.4043, 72.0061, 78.7628

Square

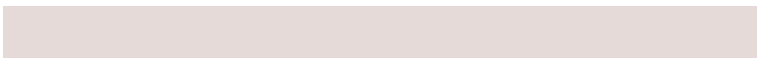
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7062, 72.0061, 80.9038



69.3076, 72.0061, 83.5167



70.2028, 72.0061, 75.9531



67.5790, 72.0061, 73.5013

Rectangle

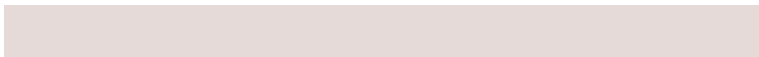
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



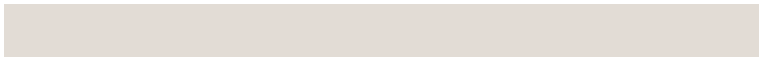
66.7062, 72.0061, 80.9038



67.9790, 72.0061, 83.9552



70.2028, 72.0061, 75.9531



68.9024, 72.0061, 73.1000

Sweetspot

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



66.7083, 72.0092, 80.9054



93.0739, 98.7964, 108.7718



65.3876, 71.9081, 72.6336



19.9424, 21.1591, 23.2830



0.0000, 0.0000, 0.0000



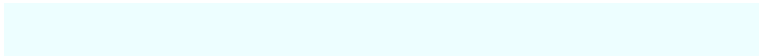
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7083, 72.0092, 80.9054



88.3503, 95.9005, 108.4618



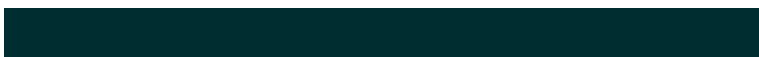
65.0381, 68.6687, 80.3487



14.2955, 15.5521, 17.6361



20.8338, 29.1371, 45.5743



1.4712, 2.0739, 3.1680

Inverse Universe

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



67.3556, 67.7649, 79.3456



89.3981, 89.0475, 105.9332



67.6660, 70.8848, 71.7448



14.4777, 14.3620, 17.1963



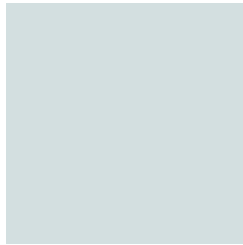
24.4561, 11.8495, 35.3973



1.7089, 0.8268, 2.5256

Previews

White Background



This preview shows how the XYZ color 66.7062, 72.0061, 80.9038 looks on a white background.

Color Contrast Check

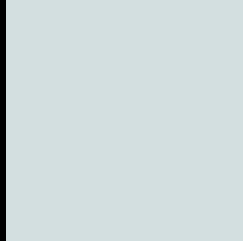
Large Text (above 18pt) WCAG AA × Fail

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 66.7062, 72.0061, 80.9038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

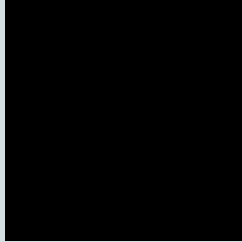
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

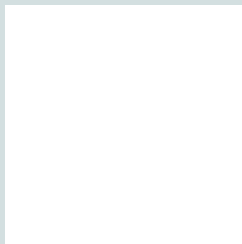
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7062, 72.0061, 80.9038

Background



This preview shows how black text looks on a background with the XYZ color 66.7062, 72.0061, 80.9038.

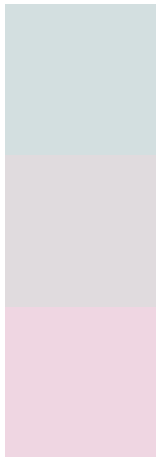


This preview shows how white text looks on a background with the XYZ color 66.7062, 72.0061,

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

66.7062, 72.0061, 80.9038

Protanopia

69.2568, 71.7843, 79.3128

Deuteranopia

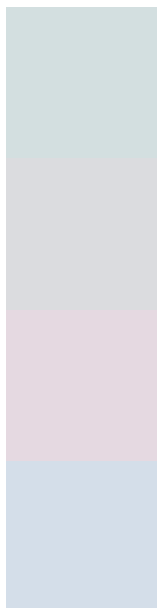
73.3706, 71.9348, 81.9693



Tritanopia

68.7296, 72.0321, 91.1701

Trichromacy



Original Color

66.7062, 72.0061, 80.9038

Protanomaly

68.1259, 71.5742, 80.0366

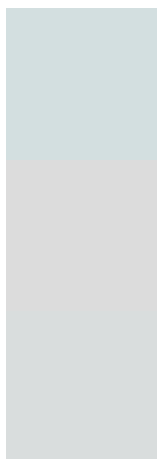
Deuteranomaly

70.7166, 71.7200, 81.3503

Tritanomaly

67.9806, 72.1228, 87.4289

Monochromacy



Original Color

66.7062, 72.0061, 80.9038

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.5229, 71.6851, 78.6844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7062, 72.0061, 80.9038 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(211, 223, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.7062, 72.0061, 80.9038 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, 224) }
```


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

```
.border{ border-color:rgb(211, 223, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 223,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7062, 72.0061, 80.9038 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, 224) }
```

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

```
.background{ background-color: rgb(211,  
223, 224) }
```

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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