

Converting Colors

XYZ(66.5103, 70.4222, 82.9273)

Have a look what the booklet for
XYZ(66.5103, 70.4222, 82.9273)
contains.

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Color

**XYZ(66.3480, 70.2061,
82.7273)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DBE3
RGB	212, 219, 227
RGB Percent	83%, 86%, 89%
CMY	0.1686, 0.1412, 0.1098
CMYK	0.07, 0.04, 0.00, 0.11
HSL	212°, 21%, 86%
HSV	212°, 7%, 89%
XYZ	66.3480, 70.2061, 82.7273
YIQ	217.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

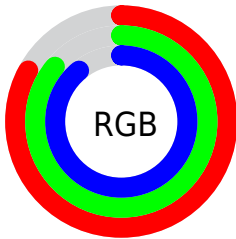
Format	Color
R _Y B	212, 217, 227
Decimal	13949923
CIE Lab	87.10, -0.85, -4.74
CIE LCh	87, 4.819, 259.877
Yxy	70.2061, 0.3026, 0.3202
Android (android.graphics.Color)	4292140003 (0xFFD4DBE3)
YUV	217.8190, 4.5262, -5.1033
Hunter-Lab	83.7891, -5.2865, 0.1137

Details

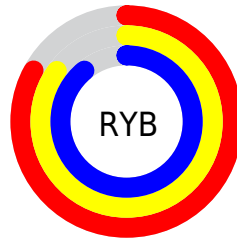
The XYZ color **66.3480, 70.2061, 82.7273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1557, 72.2702, 72.5931**, and the grayscale version is **66.4907, 69.9534, 76.1792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6265, 36.6976, 44.2881** is the 20% darker color. If you saturate the color by 10%, you get **57.2159, 60.9824, 81.4293**, and if you desaturate by 10%, it is **76.6337, 80.3692, 84.1479**.

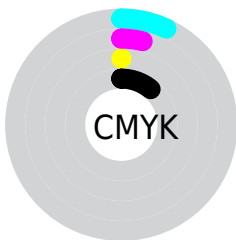
Distribution



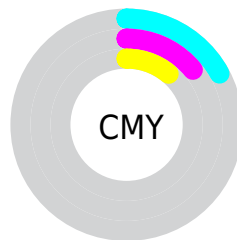
- Red (83%)
- Green (86%)
- Blue (89%)



- Red (83%)
- Yellow (85%)
- Blue (89%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3480, 70.2061, 82.7273 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 66.3480, 70.2061, 82.7273 by changing the saturation by 10% instead.

■ 66.3480, 70.2061,
82.7273

■ 66.3480, 70.2061,
82.7273

437.0895,
461.2733, 524.0244

■ 48.8237, 51.6946,
61.4259

113.0406,
119.5026, 139.0393

■ 34.6936, 36.7617,
44.1362

142.9397,
151.0564, 174.8869

■ 23.5924, 25.0230,
30.4396

177.6943,
187.7264, 216.4204

■ 15.1546, 16.0942,
19.9176

217.6700,
229.8970, 264.0583

■ 9.0150, 9.5908,
12.1517

263.2320,
277.9526, 318.2191

■ 4.8081, 5.1285,
6.7233

314.7456,

■ 2.1687, 2.3229,

332.2776, 379.3214

3.2138

372.5763,
393.2564, 447.7836

■ 0.7262, 0.7858,
1.2048

■ 0.0000, 0.0000,
0.0000

■ 66.3480, 70.2061,
82.7273

■ 66.3480, 70.2061,
82.7273

■ 57.2159, 60.9824,
81.4293

■ 76.6337, 80.3692,
84.1479

■ 49.1883, 52.6596,
80.2460

■ 87.2183, 91.0321,
85.6482

■ 42.2213, 45.2098,
79.1752

■ 90.8653, 98.3261,
86.8639

■ 36.2658, 38.5999,
78.2133

■ 31.2683, 32.7942,
77.3561

■ 27.1699, 27.7542,
76.5993

■ 23.9045, 23.4371,
75.9381

■ 21.3956, 19.7943,
75.3672

■ 19.5473, 16.7671,
74.8803

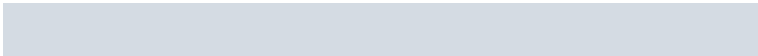
Harmonies

Analogous

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



65.3397, 70.2061, 81.2955



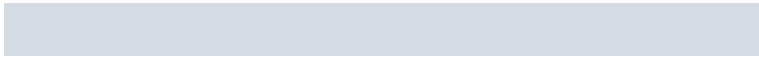
66.3480, 70.2061, 82.7273



67.4696, 70.2061, 82.4392

Triad

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



66.3480, 70.2061, 82.7273



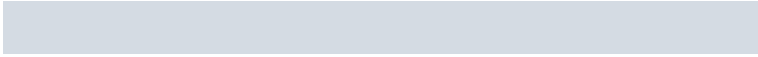
68.7911, 70.2061, 74.3482



65.0826, 70.2061, 72.5058

Complementary

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



66.3480, 70.2061, 82.7273



69.1557, 72.2702, 72.5931

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.



65.9934, 70.2061, 70.7439



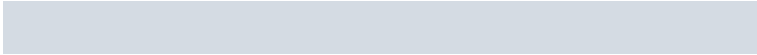
66.3480, 70.2061, 82.7273



68.1375, 70.2061, 71.7866

Square

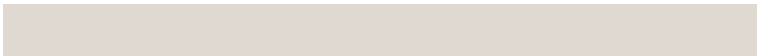
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3480, 70.2061, 82.7273



68.8886, 70.2061, 77.5404



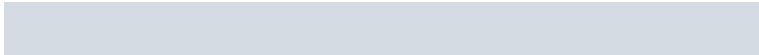
67.1110, 70.2061, 70.4844



64.6146, 70.2061, 75.3551

Rectangle

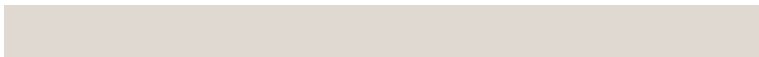
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3480, 70.2061, 82.7273



68.1302, 70.2061, 81.3133



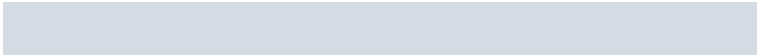
67.1110, 70.2061, 70.4844



65.3467, 70.2061, 71.7702

Sweetspot

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



66.3500, 70.2091, 82.7288



92.3373, 97.3230, 108.5263



67.5068, 74.0905, 78.2807



19.7924, 20.8593, 23.2330



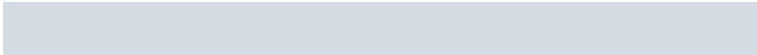
0.0000, 0.0000, 0.0000



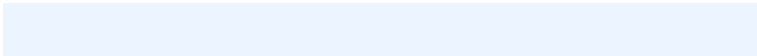
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3500, 70.2091, 82.7288



84.5672, 89.5905, 107.4433



64.6333, 66.6684, 82.1359



14.1348, 14.9910, 18.2929



11.2055, 9.4731, 43.6211



0.9203, 0.8845, 3.2542

Inverse Universe

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



68.0098, 68.5337, 76.6651



87.1820, 86.9871, 97.8823



70.9536, 75.9831, 73.2150



14.6556, 14.4794, 16.3869



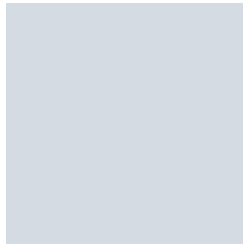
20.0495, 10.1540, 9.1558



1.5282, 0.7690, 0.9218

Previews

White Background



This preview shows how the XYZ color 66.3480, 70.2061, 82.7273 looks on a white background.

Color Contrast Check

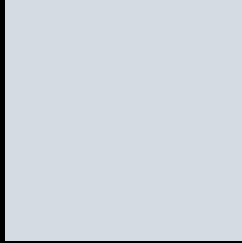
Large Text (above 18pt) WCAG AA × Fail

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 66.3480, 70.2061, 82.7273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

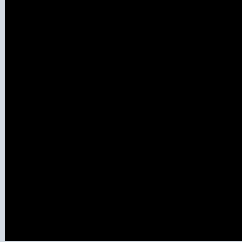
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

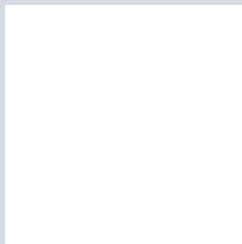
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3480, 70.2061, 82.7273

Background



This preview shows how black text looks on a background with the XYZ color 66.3480, 70.2061, 82.7273.

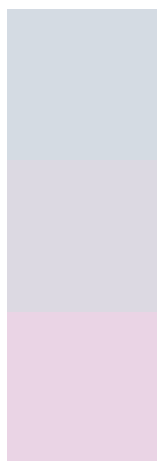


This preview shows how white text looks on a background with the XYZ color 66.3480, 70.2061,

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

66.3480, 70.2061, 82.7273

Protanopia

68.0555, 70.3323, 81.9401

Deuteranopia

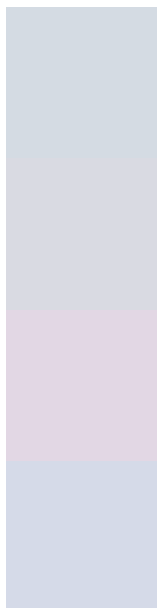
71.6180, 70.2365, 83.9111



Tritanopia

67.5074, 70.2871, 88.6060

Trichromacy



Original Color

66.3480, 70.2061, 82.7273

Protanomaly

67.4141, 70.3855, 81.9842

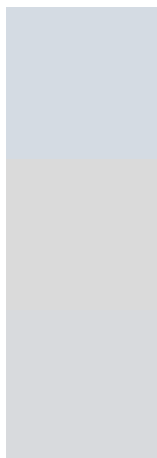
Deuteranomaly

69.6681, 70.3711, 83.3099

Tritanomaly

67.0775, 70.1151, 86.3421

Monochromacy



Original Color

66.3480, 70.2061, 82.7273

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4415, 69.9622, 78.4088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3480, 70.2061, 82.7273 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(212, 219, 227) looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 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(212, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.3480, 70.2061, 82.7273 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(212, 219, 227) }
```


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

```
.border{ border-color:rgb(212, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3480, 70.2061, 82.7273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 227) }
```

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

```
.background{ background-color: rgb(212,  
219, 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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