

Converting Colors

XYZ(66.0690, 69.9738, 82.6716)

Have a look what the booklet for
XYZ(66.0690, 69.9738, 82.6716)
contains.

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Color

**XYZ(66.0606, 70.0580,
82.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DBE3
RGB	211, 219, 227
RGB Percent	83%, 86%, 89%
CMY	0.1725, 0.1412, 0.1098
CMYK	0.07, 0.04, 0.00, 0.11
HSL	210°, 22%, 86%
HSV	210°, 7%, 89%
XYZ	66.0606, 70.0580, 82.7138
YIQ	217.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

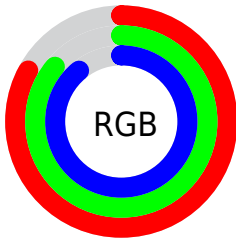
Format	Color
R _Y B	211, 216, 227
Decimal	13884387
CIE Lab	87.03, -1.18, -4.86
CIE LCh	87, 4.999, 256.399
Yxy	70.0580, 0.3019, 0.3201
Android (android.graphics.Color)	4292074467 (0xFFD3DBE3)
YUV	217.5200, 4.6736, -5.7180
Hunter-Lab	83.7007, -5.5953, -0.0005

Details

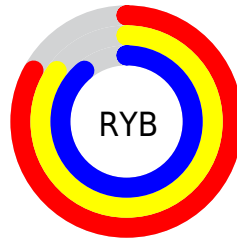
The XYZ color **66.0606, 70.0580, 82.7138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7681, 71.6964, 71.8434**, and the grayscale version is **66.2844, 69.7363, 75.9429**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4322, 36.5974, 44.2790** is the 20% darker color. If you saturate the color by 10%, you get **57.1518, 61.2220, 81.4789**, and if you desaturate by 10%, it is **76.0935, 79.7768, 84.0620**.

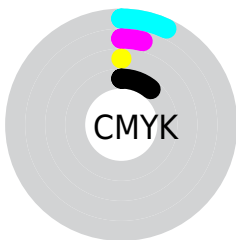
Distribution



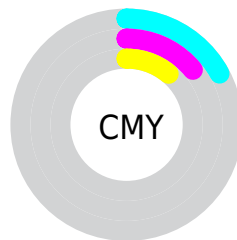
- Red (83%)
- Green (86%)
- Blue (89%)



- 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 66.0606, 70.0580, 82.7138 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 66.0606, 70.0580, 82.7138 by changing the saturation by 10% instead.

■ 66.0606, 70.0580,
82.7138

■ 66.0606, 70.0580,
82.7138

436.0788,
460.7536, 523.9782

■ 48.5895, 51.5738,
61.4148

112.6306,
119.2915, 139.0202

■ 34.5071, 36.6655,
44.1273

142.4601,
150.8095, 174.8647

■ 23.4482, 24.9486,
30.4327

177.1398,
187.4410, 216.3948

■ 15.0473, 16.0388,
19.9124

217.0351,
229.5703, 264.0290

■ 8.9391, 9.5516,
12.1479

262.5113,
277.5819, 318.1860

■ 4.7583, 5.1027,
6.7208

313.9337,

■ 2.1394, 2.3076,

331.8600, 379.2841

3.2123

371.6678,
392.7891, 447.7420

■ 0.7105, 0.7777,
1.2040

■ 0.0000, 0.0000,
0.0000

■ 66.0606, 70.0580,
82.7138

■ 66.0606, 70.0580,
82.7138

■ 57.1518, 61.2220,
81.4789

■ 76.0935, 79.7768,
84.0620

■ 49.3188, 53.2322,
80.3496

■ 86.7668, 90.1291,
85.4977

■ 42.5186, 46.0623,
79.3240

■ 90.2433, 97.0821,
86.6565

■ 36.7027, 39.6810,
78.3989

■ 90.8653, 98.3261,
86.8638

■ 31.8183, 34.0545,
77.5703

■ 27.8075, 29.1462,
76.8343

■ 24.6049, 24.9154,
76.1864

■ 22.1346, 21.3155,
75.6218

■ 20.2988, 18.2886,
75.1343

Harmonies

Analogous

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



65.0492, 70.0580, 81.0408



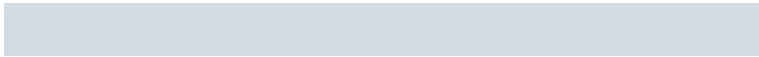
66.0606, 70.0580, 82.7138



67.2249, 70.0580, 82.6279

Triad

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



66.0606, 70.0580, 82.7138



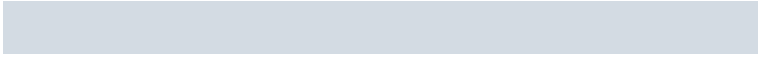
68.7687, 70.0580, 74.4774



64.9728, 70.0580, 71.9254

Complementary

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



66.0606, 70.0580, 82.7138



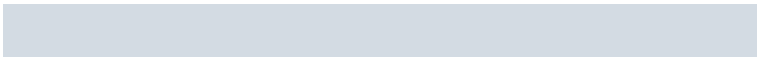
68.7681, 71.6964, 71.8434

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.



65.9552, 70.0580, 70.2682



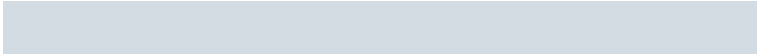
66.0606, 70.0580, 82.7138



68.1509, 70.0580, 71.7118

Square

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



66.0606, 70.0580, 82.7138



68.7978, 70.0580, 77.8058



67.1183, 70.0580, 70.1912



64.4261, 70.0580, 74.7767

Rectangle

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



66.0606, 70.0580, 82.7138



67.9314, 70.0580, 81.5834



67.1183, 70.0580, 70.1912



65.2625, 70.0580, 71.2139

Sweetspot

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



66.0626, 70.0610, 82.7153



92.3908, 97.4300, 108.5441



67.0852, 73.8886, 77.5612



19.8033, 20.8811, 23.2366



0.0000, 0.0000, 0.0000



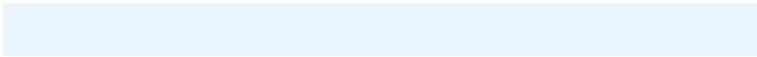
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0626, 70.0610, 82.7153



84.7723, 90.0008, 107.5116



64.0908, 66.1172, 82.0581



14.1755, 15.0724, 18.3065



11.6827, 10.4275, 43.7801



0.9562, 0.9563, 3.2662

Inverse Universe

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



67.7605, 68.0352, 76.5821



87.2855, 87.0285, 98.4276



70.8337, 75.8276, 72.5320



14.6762, 14.4877, 16.4951



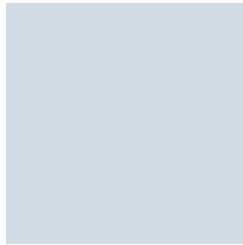
20.2904, 10.2504, 10.4242



1.5463, 0.7762, 1.0172

Previews

White Background



This preview shows how the XYZ color 66.0606, 70.0580, 82.7138 looks on a white background.

Color Contrast Check

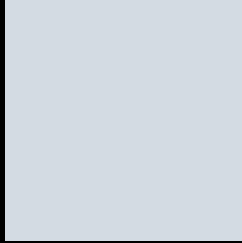
Large Text (above 18pt) WCAG AA × Fail

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 66.0606, 70.0580, 82.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

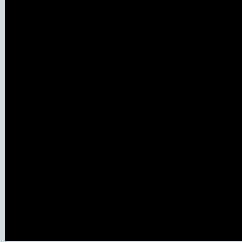
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

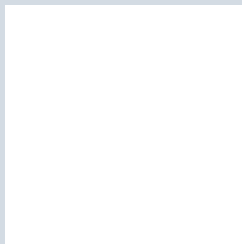
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0606, 70.0580, 82.7138

Background



This preview shows how black text looks on a background with the XYZ color 66.0606, 70.0580, 82.7138.

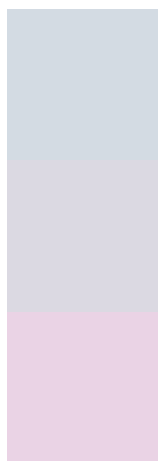


This preview shows how white text looks on a background with the XYZ color 66.0606, 70.0580,

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

66.0606, 70.0580, 82.7138

Protanopia

67.7537, 70.1768, 81.9260

Deuteranopia

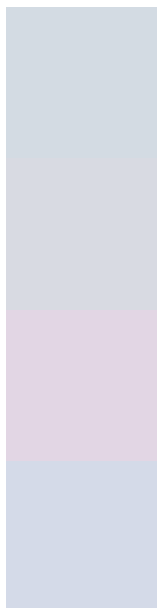
71.3688, 69.7381, 83.8280



Tritanopia

67.2182, 70.1380, 88.5925

Trichromacy



Original Color

66.0606, 70.0580, 82.7138

Protanomaly

67.1178, 70.2327, 81.9703

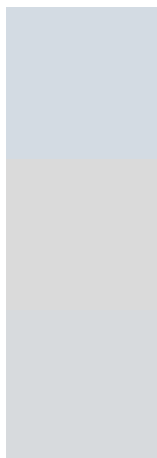
Deuteranomaly

69.4142, 69.8633, 83.2252

Tritanomaly

66.7883, 69.9661, 86.3286

Monochromacy



Original Color

66.0606, 70.0580, 82.7138

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.1469, 69.8103, 78.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0606, 70.0580, 82.7138 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, 219, 227) looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.0606, 70.0580, 82.7138 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, 219, 227) }
```


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

```
.border{ border-color:rgb(211, 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(211, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0606, 70.0580, 82.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 227) }
```

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

```
.background{ background-color: rgb(211,  
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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