

Converting Colors

XYZ(66.1553, 69.6314, 84.4488)

Have a look what the booklet for
XYZ(66.1553, 69.6314, 84.4488)
contains.

XYZ(66.2183, 69.7049, 84.8272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.2183, 69.7049,
84.8272)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DAE6
RGB	211, 218, 230
RGB Percent	83%, 85%, 90%
CMY	0.1725, 0.1451, 0.0980
CMYK	0.08, 0.05, 0.00, 0.10
HSL	218°, 28%, 86%
HSV	218°, 8%, 90%
XYZ	66.2183, 69.7049, 84.8272
YIQ	217.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

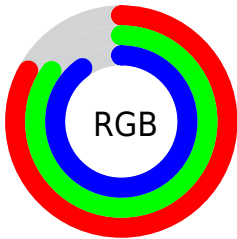
Format	Color
R _{YB}	211, 216, 230
Decimal	13884134
CIE Lab	86.85, -0.08, -6.70
CIE LCh	87, 6.699, 269.349
Yxy	69.7049, 0.3000, 0.3158
Android (android.graphics.Color)	4292074214 (0xFFD3DAE6)
YUV	217.2750, 6.2734, -5.5032
Hunter-Lab	83.4895, -4.5322, -1.7974

Details

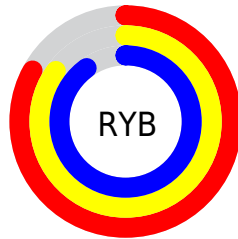
The XYZ color **66.2183, 69.7049, 84.8272** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7789, 74.3008, 72.2402**, and the grayscale version is **66.1059, 69.5485, 75.7383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5454, 36.3575, 45.7544** is the 20% darker color. If you saturate the color by 10%, you get **56.4927, 59.3451, 83.3412**, and if you desaturate by 10%, it is **77.2207, 81.2166, 86.4704**.

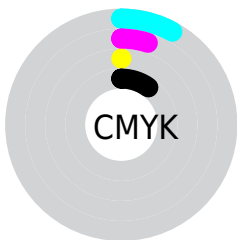
Distribution



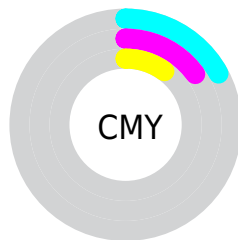
- Red (83%)
- Green (85%)
- Blue (90%)



- Red (83%)
- Yellow (85%)
- Blue (90%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2183, 69.7049, 84.8272 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 66.2183, 69.7049, 84.8272 by changing the saturation by 10% instead.

■ 66.2183, 69.7049,
84.8272

■ 66.2183, 69.7049,
84.8272

436.6335,
459.5132, 531.1858

■ 48.7180, 51.2860,
63.1493

112.8556,
118.7878, 142.0037

■ 34.6094, 36.4363,
45.5202

142.7233,
150.2206, 178.3394

■ 23.5273, 24.7713,
31.5214

177.4441,
186.7602, 220.3982

■ 15.1062, 15.9068,
20.7345

217.3835,
228.7909, 268.5984

■ 8.9807, 9.4582,
12.7407

262.9068,
276.6972, 323.3588

■ 4.7856, 5.0412,
7.1216

314.3793,

■ 2.1555, 2.2715,

330.8634, 385.0978

3.4587

372.1665,
391.6739, 454.2339

■ 0.7191, 0.7586,
1.3333

■ 0.0000, 0.0000,
0.0889

■ 66.2183, 69.7049,
84.8272

■ 66.2183, 69.7049,
84.8272

■ 56.4927, 59.3451,
83.3412

■ 77.2207, 81.2166,
86.4704

■ 47.9896, 50.0910,
82.0032

■ 88.7991, 93.5251,
88.2359

■ 40.6596, 41.9059,
80.8096

■ 91.2831, 98.4933,
89.0639

■ 34.4473, 34.7478,
79.7554

■ 29.2928, 28.5714,
78.8349

■ 25.1299, 23.3278,
78.0422

■ 21.8843, 18.9628,
77.3707

■ 19.4695, 15.4150,
76.8132

■ 17.7661, 12.6049,
76.3606

Harmonies

Analogous

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



64.7330, 69.7049, 83.5401



66.2183, 69.7049, 84.8272



67.7355, 69.7049, 83.6443

Triad

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



66.2183, 69.7049, 84.8272



68.9051, 69.7049, 71.7583



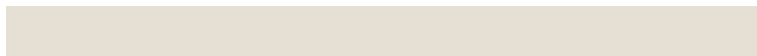
63.7019, 69.7049, 71.5954

Complementary

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



66.2183, 69.7049, 84.8272



70.7789, 74.3008, 72.2402

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.



64.7912, 69.7049, 68.6431



66.2183, 69.7049, 84.8272



67.7955, 69.7049, 68.7345

Square

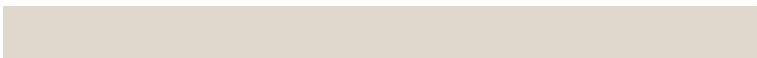
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2183, 69.7049, 84.8272



69.3014, 69.7049, 75.9946



66.2865, 69.7049, 67.6162



63.2942, 69.7049, 75.7991

Rectangle

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



66.2183, 69.7049, 84.8272



68.5574, 69.7049, 81.6396



66.2865, 69.7049, 67.6162



63.9997, 69.7049, 70.4298

Sweetspot

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



66.2203, 69.7078, 84.8287



92.1798, 97.0081, 108.4738



68.4430, 75.7561, 80.6281



19.7604, 20.7952, 23.2223



0.0000, 0.0000, 0.0000



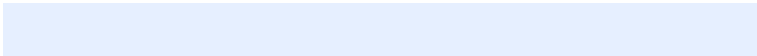
20.3446, 21.4041, 23.3091

Same Dimension

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



66.2203, 69.7078, 84.8287



81.3599, 85.6345, 106.8487



65.0818, 66.4815, 84.2660



14.0157, 14.7529, 18.2532



10.0225, 7.1070, 43.2267



0.8270, 0.6980, 3.2231

Inverse Universe

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



68.5839, 68.4749, 75.9354



84.9630, 83.8018, 93.2807



71.9820, 77.7565, 72.8438



14.5955, 14.4554, 16.0704



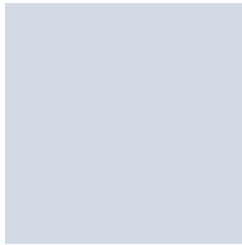
19.4524, 9.9152, 6.0112



1.4811, 0.7501, 0.6738

Previews

White Background



This preview shows how the XYZ color 66.2183, 69.7049, 84.8272 looks on a white background.

Color Contrast Check

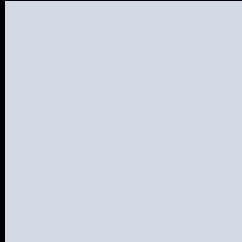
Large Text (above 18pt) WCAG AA × Fail

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 66.2183, 69.7049, 84.8272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

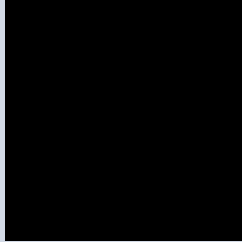
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

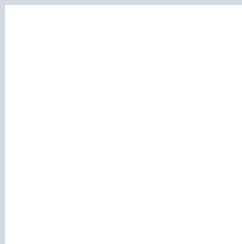
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2183, 69.7049, 84.8272

Background



This preview shows how black text looks on a background with the XYZ color 66.2183, 69.7049, 84.8272.

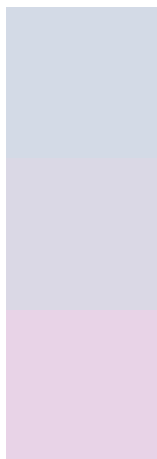


This preview shows how white text looks on a background with the XYZ color 66.2183, 69.7049,

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

66.2183, 69.7049, 84.8272

Protanopia

67.6122, 69.6743, 84.0137

Deuteranopia

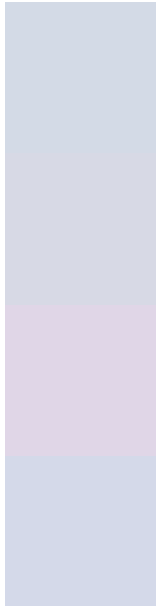
70.9968, 69.5139, 85.2769



Tritanopia

66.8155, 69.5633, 87.7474

Trichromacy



Original Color

66.2183, 69.7049, 84.8272

Protanomaly

66.9800, 69.7299, 84.0577

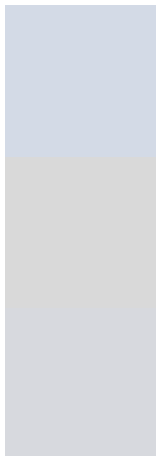
Deuteranomaly

69.2108, 69.7099, 85.4089

Tritanomaly

66.6722, 69.5059, 86.9928

Monochromacy



Original Color

66.2183, 69.7049, 84.8272

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.0220, 69.3467, 79.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2183, 69.7049, 84.8272 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, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 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(211, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 230) }
```

Border

The CSS property to change the border of an element to XYZ 66.2183, 69.7049, 84.8272 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, 218, 230) }
```


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

```
.border{ border-color:rgb(211, 218, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(211, 218,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2183, 69.7049, 84.8272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 218, 230) }
```

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

```
.background{ background-color: rgb(211,  
218, 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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