

Converting Colors

XYZ(66.6434, 69.8749, 87.0655)

Have a look what the booklet for
XYZ(66.6434, 69.8749, 87.0655)
contains.

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Color

**XYZ(66.6434, 69.8749,
87.0655)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DAE9
RGB	211, 218, 233
RGB Percent	83%, 85%, 91%
CMY	0.1725, 0.1451, 0.0863
CMYK	0.09, 0.06, 0.00, 0.09
HSL	221°, 33%, 87%
HSV	221°, 9%, 91%
XYZ	66.6434, 69.8749, 87.0655
YIQ	217.6170, -8.9870, 3.1810

Conversions

Conversions Part 2

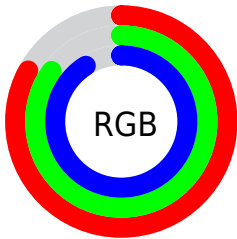
Format	Color
R _Y B	211, 216, 233
Decimal	13884137
CIE Lab	86.94, 0.51, -8.16
CIE LCh	87, 8.175, 273.578
Yxy	69.8749, 0.2981, 0.3125
Android (android.graphics.Color)	4292074217 (0xFFD3DAE9)
YUV	217.6170, 7.5838, -5.8031
Hunter-Lab	83.5912, -3.9748, -3.2404

Details

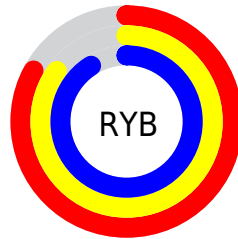
The XYZ color **66.6434, 69.8749, 87.0655** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5589, 76.4191, 72.5555**, and the grayscale version is **66.3325, 69.7870, 75.9980**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7433, 36.4366, 46.7968** is the 20% darker color. If you saturate the color by 10%, you get **56.5230, 58.8350, 85.4691**, and if you desaturate by 10%, it is **78.1302, 82.2089, 88.8419**.

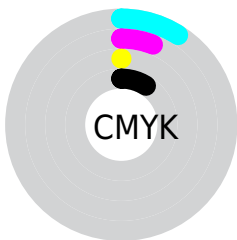
Distribution



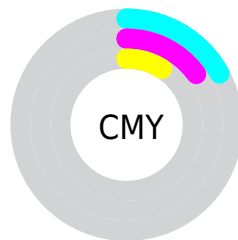
- Red (83%)
- Green (85%)
- Blue (91%)



- Red (83%)
- Yellow (85%)
- Blue (91%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6434, 69.8749, 87.0655 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 66.6434, 69.8749, 87.0655 by changing the saturation by 10% instead.

■ 66.6434, 69.8749,
87.0655

■ 66.6434, 69.8749,
87.0655

438.1268,
460.1106, 538.7599

■ 49.0645, 51.4246,
64.9895

113.4619,
119.0303, 145.1551

■ 34.8854, 36.5466,
47.0013

143.4322,
150.5042, 182.0058

■ 23.7407, 24.8566,
32.6823

178.2638,
187.0881, 224.6184

■ 15.2651, 15.9703,
21.6141

218.3219,
229.1663, 273.4115

■ 9.0932, 9.5031,
13.3780

263.9719,
277.1232, 328.8037

■ 4.8596, 5.0708,
7.5556

315.5791,

■ 2.1990, 2.2889,

331.3434, 391.2135

3.7282

373.5090,
392.2110, 461.0593

■ 0.7422, 0.7678,
1.4775

■ 0.0000, 0.0000,
0.2011

■ 66.6434, 69.8749,
87.0655

■ 66.6434, 69.8749,
87.0655

■ 56.5230, 58.8350,
85.4691

■ 78.1302, 82.2089,
88.8419

■ 47.7103, 49.0370,
84.0423

■ 90.0628, 95.3725,
90.7538

■ 40.1514, 40.4377,
82.7809

■ 91.7082, 98.6633,
91.3022

■ 33.7861, 32.9882,
81.6785

■ 28.5490, 26.6359,
80.7284

■ 24.3680, 21.3234,
79.9234

■ 21.1616, 16.9876,
79.2555

■ 18.8352, 13.5566,
78.7158

■ 17.2443, 10.9314,
78.2930

Harmonies

Analogous

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



64.7937, 69.8749, 85.8917



66.6434, 69.8749, 87.0655



68.4653, 69.8749, 85.1821

Triad

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



66.6434, 69.8749, 87.0655



69.5198, 69.8749, 70.4136



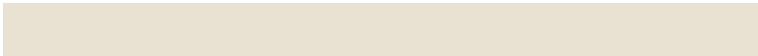
63.1802, 69.8749, 71.4986

Complementary

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



66.6434, 69.8749, 87.0655



72.5589, 76.4191, 72.5555

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.



64.4041, 69.8749, 67.6540



66.6434, 69.8749, 87.0655



68.0610, 69.8749, 67.0490

Square

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



66.6434, 69.8749, 87.0655



70.1459, 69.8749, 75.4275



66.1851, 69.8749, 66.0632



62.8168, 69.8749, 76.7400

Rectangle

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



66.6434, 69.8749, 87.0655



69.4122, 69.8749, 82.4967



66.1851, 69.8749, 66.0632



63.5034, 69.8749, 70.0085

Sweetspot

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



66.6454, 69.8778, 87.0670



90.6502, 95.2956, 108.2239



69.6859, 77.6006, 83.0187



19.1568, 20.1334, 23.1264



0.0000, 0.0000, 0.0000



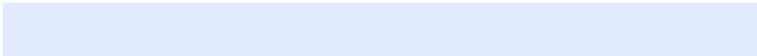
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6454, 69.8778, 87.0670



79.6734, 83.4639, 106.5187



65.9301, 66.8698, 86.5241



14.6226, 15.3315, 19.1108



9.8402, 6.3274, 44.4456



0.8565, 0.6645, 3.5180

Inverse Universe

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



69.5551, 68.9757, 75.9807



83.8181, 82.2199, 90.7170



73.3175, 79.6951, 73.1479



15.2630, 15.1331, 16.6704



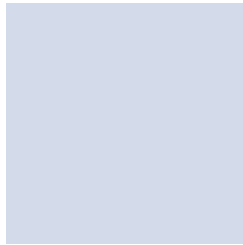
19.8222, 10.1316, 4.8649



1.5988, 0.8125, 0.6048

Previews

White Background



This preview shows how the XYZ color 66.6434, 69.8749, 87.0655 looks on a white background.

Color Contrast Check

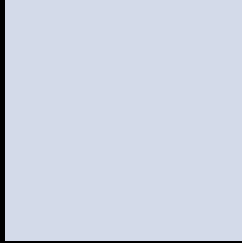
Large Text (above 18pt) WCAG AA × Fail

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 66.6434, 69.8749, 87.0655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

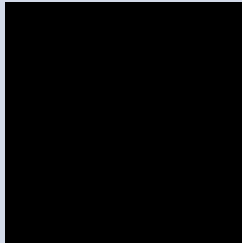
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6434, 69.8749, 87.0655

Background



This preview shows how black text looks on a background with the XYZ color 66.6434, 69.8749, 87.0655.

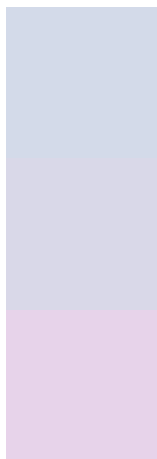


This preview shows how white text looks on a background with the XYZ color 66.6434, 69.8749,

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

66.6434, 69.8749, 87.0655

Protanopia

67.7366, 69.6896, 86.2253

Deuteranopia

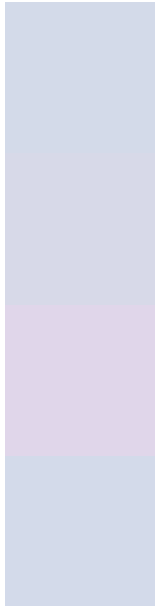
71.1005, 69.5180, 87.5128



Tritanopia

66.9308, 69.9898, 88.5790

Trichromacy



Original Color

66.6434, 69.8749, 87.0655

Protanomaly

67.4027, 69.8990, 86.2833

Deuteranomaly

69.6383, 69.8809, 87.6599

Tritanomaly

66.7867, 69.9322, 87.8201

Monochromacy



Original Color

66.6434, 69.8749, 87.0655

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4150, 69.9176, 79.8070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6434, 69.8749, 87.0655 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 233) }
```

Border

The CSS property to change the border of an element to XYZ 66.6434, 69.8749, 87.0655 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, 233) }
```


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

```
.border{ border-color:rgb(211, 218, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(211, 218,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6434, 69.8749, 87.0655 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, 233) }
```

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

```
.background{ background-color: rgb(211,  
218, 233) }
```

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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