

Converting Colors

XYZ(66.4835, 69.2054, 87.4185)

Have a look what the booklet for
XYZ(66.4835, 69.2054, 87.4185)
contains.

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Color

**XYZ(66.5281, 69.4151,
87.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D9EA
RGB	211, 217, 234
RGB Percent	83%, 85%, 92%
CMY	0.1725, 0.1490, 0.0823
CMYK	0.10, 0.07, 0.00, 0.08
HSL	224°, 35%, 87%
HSV	224°, 10%, 92%
XYZ	66.5281, 69.4151, 87.7340
YIQ	217.1440, -9.0330, 4.0150

Conversions

Conversions Part 2

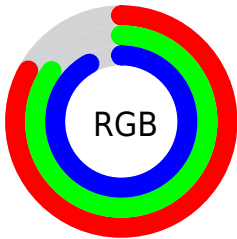
Format	Color
RYB	211, 216, 234
Decimal	13883882
CIELab	86.71, 1.23, -9.02
CIElCh	87, 9.107, 277.758
Yxy	69.4151, 0.2974, 0.3103
Android (android.graphics.Color)	4292073962 (0xFFD3D9EA)
YUV	217.1440, 8.3100, -5.3883
Hunter-Lab	83.3157, -3.2692, -4.1132

Details

The XYZ color **66.5281, 69.4151, 87.7340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4333, 77.6819, 72.7530**, and the grayscale version is **66.0030, 69.4403, 75.6205**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6665, 36.1229, 47.2648** is the 20% darker color. If you saturate the color by 10%, you get **56.0803, 57.7569, 86.0355**, and if you desaturate by 10%, it is **78.4229, 82.5163, 89.6370**.

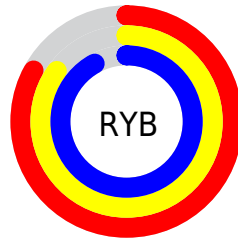
Distribution



Red (83%)

Green (85%)

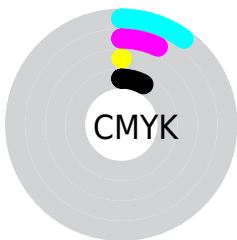
Blue (92%)



Red (83%)

Yellow (85%)

Blue (92%)

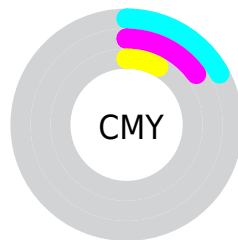


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (17%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5281, 69.4151, 87.7340 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 66.5281, 69.4151, 87.7340 by changing the saturation by 10% instead.

■ 66.5281, 69.4151,
87.7340

■ 66.5281, 69.4151,
87.7340

437.7221,
458.4936, 541.0105

■ 48.9705, 51.0498,
65.5397

113.2975,
118.3743, 146.0947

■ 34.8105, 36.2483,
47.4447

143.2400,
149.7370, 183.0981

■ 23.6828, 24.6260,
33.0305

178.0416,
186.2009, 225.8750

■ 15.2219, 15.7986,
21.8785

218.0675,
228.1506, 274.8439

■ 9.0626, 9.3818,
13.5702

263.6832,
275.9703, 330.4234

■ 4.8395, 4.9910,
7.6870

315.2539,

■ 2.1872, 2.2420,

330.0444, 393.0319

3.8105

373.1451,
390.7574, 463.0881

■ 0.7360, 0.7427,
1.5219

■ 0.0000, 0.0000,
0.2342

■ 66.5281, 69.4151,
87.7340

■ 66.5281, 69.4151,
87.7340

■ 56.0803, 57.7569,
86.0355

■ 78.4229, 82.5163,
89.6370

■ 47.0170, 47.4827,
84.5300

■ 90.7733, 96.5642,
91.6975

■ 39.2804, 38.5421,
83.2121

■ 91.8515, 98.7206,
92.0569

■ 32.8056, 30.8783,
82.0741

■ 27.5226, 24.4302,
81.1079

■ 23.3539, 19.1311,
80.3048

■ 20.2120, 14.9076,
79.6552

■ 17.9953, 11.6760,
79.1483

■ 16.5452, 9.3205,
78.7700

Harmonies

Analogous

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



64.4477, 69.4151, 86.8962



66.5281, 69.4151, 87.7340



68.5016, 69.4151, 85.1802

Triad

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



66.5281, 69.4151, 87.7340



69.2486, 69.4151, 68.6636



62.2796, 69.4151, 71.2527

Complementary

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



66.5281, 69.4151, 87.7340



73.4333, 77.6819, 72.7530

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.



63.5151, 69.4151, 66.7319



66.5281, 69.4151, 87.7340



67.5302, 69.4151, 65.2938

Square

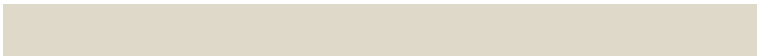
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.5281, 69.4151, 87.7340



70.0941, 69.4151, 74.0181



65.4289, 69.4151, 64.6060



62.0243, 69.4151, 77.1662

Rectangle

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



66.5281, 69.4151, 87.7340



69.4810, 69.4151, 81.9745



65.4289, 69.4151, 64.6060



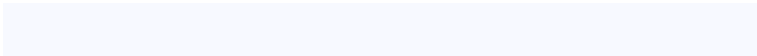
62.5928, 69.4151, 69.5294

Sweetspot

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



66.5301, 69.4180, 87.7355



90.5143, 95.0237, 108.1785



70.2731, 78.2898, 84.7106



19.1202, 20.0602, 23.1142



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.



66.5301, 69.4180, 87.7355



77.8802, 81.0625, 106.1496



66.5741, 67.1852, 87.3022



14.5509, 15.1882, 19.0869



9.3724, 5.3917, 44.2897



0.8121, 0.5756, 3.5032

Inverse Universe

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



69.7519, 69.0922, 75.3088



82.6238, 80.6348, 87.8416



73.3781, 80.1478, 73.2319



15.2268, 15.1186, 16.4799



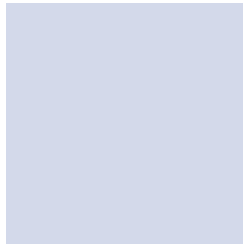
19.5860, 10.0371, 3.6214



1.5764, 0.8035, 0.4867

Previews

White Background



This preview shows how the XYZ color 66.5281, 69.4151, 87.7340 looks on a white background.

Color Contrast Check

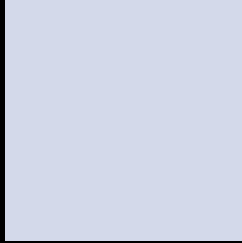
Large Text (above 18pt) WCAG AA × Fail

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 66.5281, 69.4151, 87.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

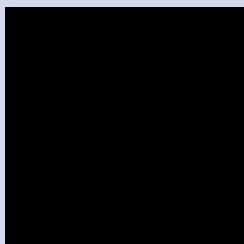
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

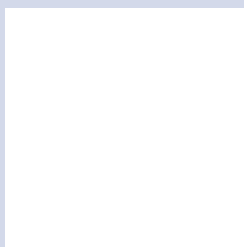
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5281, 69.4151, 87.7340

Background



This preview shows how black text looks on a background with the XYZ color 66.5281, 69.4151, 87.7340.

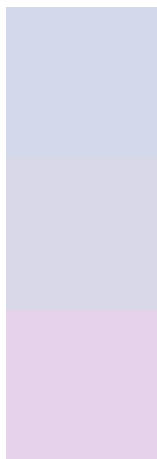


This preview shows how white text looks on a background with the XYZ color 66.5281, 69.4151,

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

66.5281, 69.4151, 87.7340

Protanopia

67.5827, 69.5939, 86.9618

Deuteranopia

70.9228, 69.4097, 88.2566



Tritanopia

66.5281, 69.4151, 87.7340

Trichromacy



Original Color

66.5281, 69.4151, 87.7340

Protanomaly

66.9954, 69.2911, 86.9343

Deuteranomaly

69.2211, 69.2746, 88.3203

Tritanomaly

66.5281, 69.4151, 87.7340

Monochromacy



Original Color

66.5281, 69.4151, 87.7340

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1565, 69.4005, 79.7209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5281, 69.4151, 87.7340 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, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(211, 217, 234)  
}
```

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, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 234) }
```

Border

The CSS property to change the border of an element to XYZ 66.5281, 69.4151, 87.7340 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, 217, 234) }
```


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

```
.border{ border-color:rgb(211, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5281, 69.4151, 87.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 217, 234) }
```

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

```
.background{ background-color: rgb(211,  
217, 234) }
```

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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