

Converting Colors

XYZ(69.5520, 72.1700, 87.0275)

Have a look what the booklet for
XYZ(69.5520, 72.1700, 87.0275)
contains.

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Color

**XYZ(69.5146, 72.1297,
87.3494)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DBDCE9 |
| RGB | 219, 220, 233 |
| RGB Percent | 86%, 86%, 91% |
| CMY | 0.1412, 0.1372, 0.0863 |
| CMYK | 0.06, 0.06, 0.00, 0.09 |
| HSL | 236°, 24%, 89% |
| HSV | 236°, 6%, 91% |
| XYZ | 69.5146, 72.1297, 87.3494 |
| YIQ | 221.1830, -4.7690, 3.8310 |

Conversions

Conversions Part 2

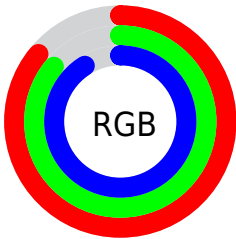
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 219, 220, 233 |
| Decimal | 14408937 |
| CIE Lab | 88.03, 2.08, -6.47 |
| CIE LCh | 88, 6.798, 287.799 |
| Yxy | 72.1297, 0.3036, 0.3150 |
| Android (android.graphics.Color) | 4292599017 (0xFFDBDCE9) |
| YUV | 221.1830, 5.8258, -1.9145 |
| Hunter-Lab | 84.9292, -2.5238, -1.5291 |

Details

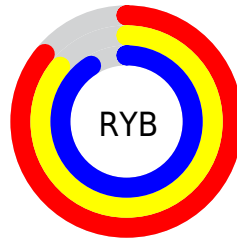
The XYZ color **69.5146, 72.1297, 87.3494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2472, 80.1505, 78.5237**, and the grayscale version is **68.8203, 72.4043, 78.8483**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7008, 37.9771, 46.9909** is the 20% darker color. If you saturate the color by 10%, you get **57.6756, 58.1390, 85.2740**, and if you desaturate by 10%, it is **83.0735, 88.1013, 89.7187**.

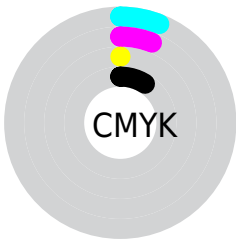
Distribution



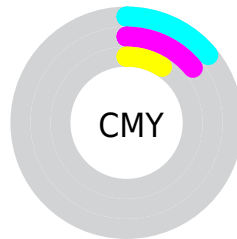
- Red (86%)
- Green (86%)
- Blue (91%)



- Red (86%)
- Yellow (86%)
- Blue (91%)



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



- Cyan (14%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5146, 72.1297, 87.3494 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 69.5146, 72.1297, 87.3494 by changing the saturation by 10% instead.

■ 69.5146, 72.1297,
87.3494

■ 69.5146, 72.1297,
87.3494

448.1369,
467.9929, 539.7163

■ 51.4091, 53.2646,
65.2231

117.5463,
122.2409, 145.5542

■ 36.7566, 38.0141,
47.1895

148.2032,
154.2558, 182.4698

■ 25.1919, 25.9936,
32.8301

183.7747,
191.4229, 225.1523

■ 16.3496, 16.8189,
21.7263

224.6260,
234.1263, 274.0201

■ 9.8643, 10.1054,
13.4595

271.1225,
282.7507, 329.4919

■ 5.3706, 5.4689,
7.6113

323.6296,

■ 2.5033, 2.5249,

337.6803, 391.9862

3.7631

382.5126,
399.2996, 461.9215

■ 0.8969, 0.8891,
1.4963

■ 0.0000, 0.0000,
0.2152

■ 69.5146, 72.1297,
87.3494

■ 69.5146, 72.1297,
87.3494

■ 57.6756, 58.1390,
85.2740

■ 83.0735, 88.1013,
89.7187

■ 47.4816, 46.0432,
83.4766

■ 91.7082, 98.6633,
91.3023

■ 38.8617, 35.7635,
81.9467

■ 31.7372, 27.2121,
80.6716

■ 26.0229, 20.2939,
79.6375

■ 21.6246, 14.9046,
78.8290

■ 18.4369, 10.9278,
78.2294

■ 16.3378, 8.2303,
77.8194

■ 15.1795, 6.6530,
77.5760

Harmonies

Analogous

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



67.9003, 72.1297, 87.5919



69.5146, 72.1297, 87.3494



70.8928, 72.1297, 84.6891

Triad

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



69.5146, 72.1297, 87.3494



70.6729, 72.1297, 72.1062



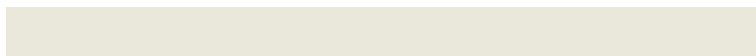
65.5546, 72.1297, 76.6649

Complementary

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



69.5146, 72.1297, 87.3494



75.2472, 80.1505, 78.5237

Split Complementary

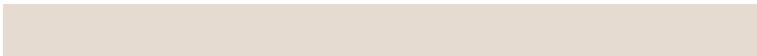
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2733, 72.1297, 72.6902



69.5146, 72.1297, 87.3494



69.2182, 72.1297, 70.1286

Square

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



69.5146, 72.1297, 87.3494



71.5688, 72.1297, 75.8390



67.6085, 72.1297, 70.3381



65.6311, 72.1297, 81.2982

Rectangle

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



69.5146, 72.1297, 87.3494



71.4845, 72.1297, 81.9596



67.6085, 72.1297, 70.3381



65.7107, 72.1297, 75.2110

Sweetspot

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



69.5167, 72.1328, 87.3510



91.7067, 96.0619, 108.3161



72.8953, 79.1558, 87.6576



19.6640, 20.6025, 23.1902



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.



69.5167, 72.1328, 87.3510



83.7249, 86.6498, 106.9201



71.0401, 72.5282, 87.3470



14.8275, 15.3240, 19.0986



8.4893, 3.6255, 43.9953



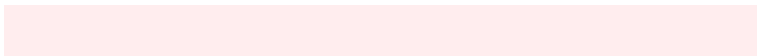
0.6970, 0.3455, 3.4648

Inverse Universe

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



71.8557, 73.1554, 78.0470



87.0635, 88.1136, 93.6391



73.6574, 79.7515, 78.5304



15.4684, 15.6054, 16.5490



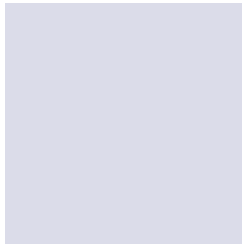
19.1403, 9.8588, 1.2742



1.5183, 0.7803, 0.1808

Previews

White Background



This preview shows how the XYZ color 69.5146, 72.1297, 87.3494 looks on a white background.

Color Contrast Check

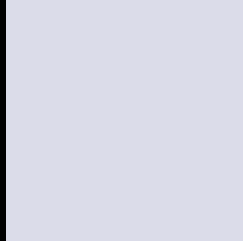
Large Text (above 18pt) WCAG AA × Fail

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 69.5146, 72.1297, 87.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

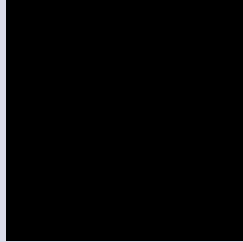
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5146, 72.1297, 87.3494

Background



This preview shows how black text looks on a background with the XYZ color 69.5146, 72.1297, 87.3494.

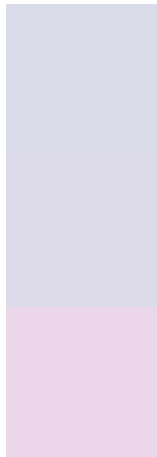


This preview shows how white text looks on a background with the XYZ color 69.5146, 72.1297,

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

69.5146, 72.1297, 87.3494

Protanopia

69.8583, 71.9184, 87.2905

Deuteranopia

73.4899, 71.8665, 87.8402



Tritanopia

70.1328, 71.9931, 90.3204

Trichromacy



Original Color

69.5146, 72.1297, 87.3494

Protanomaly

69.5547, 71.7619, 87.2763

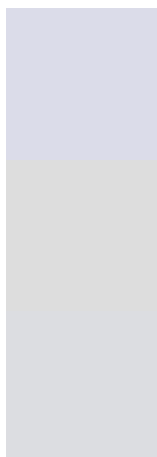
Deuteranomaly

72.0403, 71.8752, 87.9183

Tritanomaly

69.9870, 71.9348, 89.5530

Monochromacy



Original Color

69.5146, 72.1297, 87.3494

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9623, 72.3648, 81.5673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5146, 72.1297, 87.3494 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(219, 220, 233) looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 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(219, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.5146, 72.1297, 87.3494 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(219, 220, 233) }
```


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

```
.border{ border-color:rgb(219, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(219, 220,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5146, 72.1297, 87.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 233) }
```

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

```
.background{ background-color: rgb(219,  
220, 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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