

Converting Colors

XYZ(67.0179, 72.0653, 84.6163)

Have a look what the booklet for
XYZ(67.0179, 72.0653, 84.6163)
contains.

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Color

**XYZ(67.1089, 72.1341,
84.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DFE5
RGB	210, 223, 229
RGB Percent	82%, 87%, 90%
CMY	0.1765, 0.1255, 0.1020
CMYK	0.08, 0.03, 0.00, 0.10
HSL	199°, 27%, 86%
HSV	199°, 8%, 90%
XYZ	67.1089, 72.1341, 84.5150
YIQ	219.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

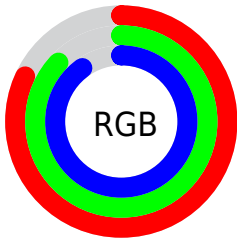
Format	Color
R _Y B	210, 218, 229
Decimal	13819877
CIE Lab	88.03, -3.19, -4.44
CIE LCh	88, 5.464, 234.290
Yxy	72.1341, 0.2999, 0.3224
Android (android.graphics.Color)	4292009957 (0xFFD2DFE5)
YUV	219.7970, 4.5371, -8.5920
Hunter-Lab	84.9318, -7.5888, 0.4532

Details

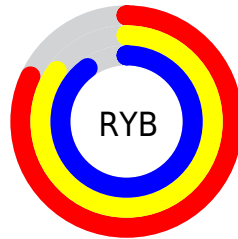
The XYZ color **67.1089, 72.1341, 84.5150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5022, 70.4226, 70.9566**, and the grayscale version is **67.8619, 71.3960, 77.7503**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1602, 38.0298, 45.5317** is the 20% darker color. If you saturate the color by 10%, you get **59.1603, 65.2325, 83.6029**, and if you desaturate by 10%, it is **76.0770, 79.6876, 85.5014**.

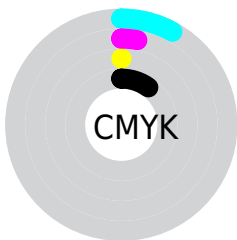
Distribution



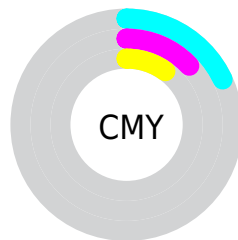
- Red (82%)
- Green (87%)
- Blue (90%)



- Red (82%)
- Yellow (85%)
- Blue (90%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1089, 72.1341, 84.5150 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 67.1089, 72.1341, 84.5150 by changing the saturation by 10% instead.

■ 67.1089, 72.1341,
84.5150

■ 67.1089, 72.1341,
84.5150

439.7587,
468.0082, 530.1245

■ 49.4442, 53.2682,
62.8929

114.1254,
122.2472, 141.5635

■ 35.1879, 38.0169,
45.3141

144.2078,
154.2631, 177.8269

■ 23.9749, 25.9958,
31.3602

179.1602,
191.4313, 219.8079

■ 15.4396, 16.8205,
20.6125

219.3479,
234.1360, 267.9250

■ 9.2168, 10.1066,
12.6526

265.1362,
282.7616, 322.5966

■ 4.9411, 5.4697,
7.0618

316.8906,

■ 2.2472, 2.5254,

337.6926, 384.2414

3.4218

374.9763,
399.3134, 453.2778

■ 0.7674, 0.8893,
1.3138

■ 0.0000, 0.0000,
0.0731

■ 67.1089, 72.1341,
84.5150

■ 67.1089, 72.1341,
84.5150

■ 59.1603, 65.2325,
83.6029

■ 76.0770, 79.6876,
85.5014

■ 52.1846, 58.9513,
82.7582

■ 85.8007, 87.7526,
86.5456

■ 46.1406, 53.2698,
81.9801

■ 87.9412, 92.0335,
87.2591

■ 40.9816, 48.1623,
81.2662

■ 90.1671, 96.4853,
88.0011

■ 36.6566, 43.6009,
80.6137

■ 91.1431, 98.4372,
88.3264

■ 33.1089, 39.5548,
80.0197

■ 30.2746, 35.9893,
79.4809

■ 28.0779, 32.8638,
78.9933

■ 26.4111, 30.1208,
78.5517

Harmonies

Analogous

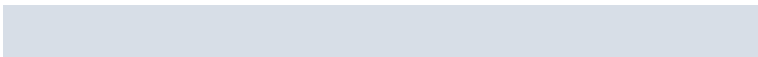
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3023, 72.1341, 81.5314



67.1089, 72.1341, 84.5150



68.3123, 72.1341, 85.9022

Triad

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



67.1089, 72.1341, 84.5150



71.0853, 72.1341, 79.2580



67.5355, 72.1341, 72.1798

Complementary

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



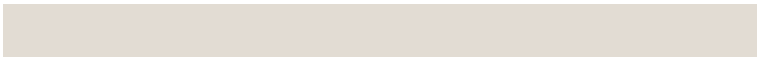
67.1089, 72.1341, 84.5150



68.5022, 70.4226, 70.9566

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.



68.8109, 72.1341, 71.6143



67.1089, 72.1341, 84.5150



70.8710, 72.1341, 75.6261

Square

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



67.1089, 72.1341, 84.5150



70.6164, 72.1341, 82.8060



70.0345, 72.1341, 72.8568



66.5464, 72.1341, 74.4265

Rectangle

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



67.1089, 72.1341, 84.5150



69.1818, 72.1341, 85.7044



70.0345, 72.1341, 72.8568



67.9446, 72.1341, 71.7898

Sweetspot

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



67.1110, 72.1371, 84.5166



92.6871, 98.0228, 108.6429



66.9548, 74.6839, 75.6504



19.8637, 21.0017, 23.2568



0.0000, 0.0000, 0.0000



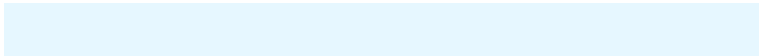
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1110, 72.1371, 84.5166



83.7689, 90.4524, 107.6517



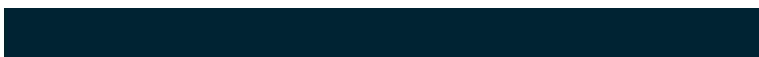
64.7185, 67.3521, 83.7191



14.4037, 15.5288, 18.3825



15.0656, 17.1933, 44.9078



1.1957, 1.4354, 3.3460

Inverse Universe

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



68.6806, 68.0804, 79.3365



86.1789, 84.2881, 99.6837



70.9265, 75.2710, 71.7646



14.7914, 14.5337, 17.1017



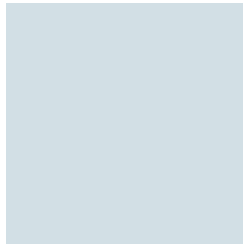
21.9979, 10.9334, 19.4159



1.6672, 0.8246, 1.6539

Previews

White Background



This preview shows how the XYZ color 67.1089, 72.1341, 84.5150 looks on a white background.

Color Contrast Check

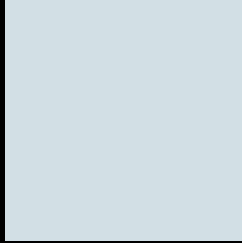
Large Text (above 18pt) WCAG AA × Fail

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 67.1089, 72.1341, 84.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

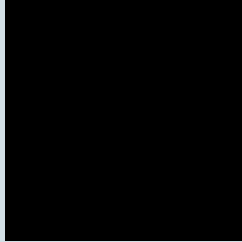
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

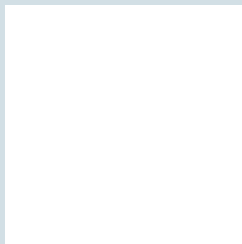
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1089, 72.1341, 84.5150

Background



This preview shows how black text looks on a background with the XYZ color 67.1089, 72.1341, 84.5150.

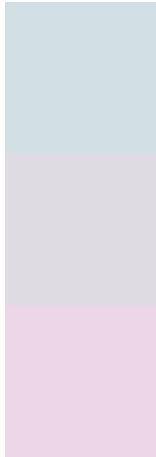


This preview shows how white text looks on a background with the XYZ color 67.1089, 72.1341,

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

67.1089, 72.1341, 84.5150

Protanopia

69.6281, 71.8971, 82.8808

Deuteranopia

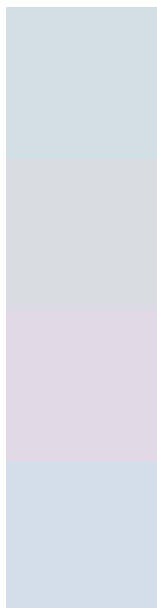
73.3954, 71.8672, 85.6047



Tritanopia

68.5878, 71.9419, 91.9326

Trichromacy



Original Color

67.1089, 72.1341, 84.5150

Protanomaly

68.5102, 71.6933, 83.6261

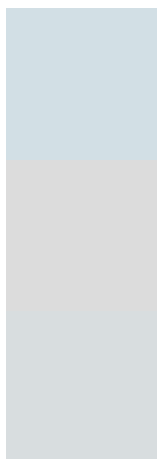
Deuteranomaly

70.7743, 71.6698, 84.9664

Tritanomaly

67.9806, 72.0896, 88.9290

Monochromacy



Original Color

67.1089, 72.1341, 84.5150

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.4946, 71.6395, 80.0825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1089, 72.1341, 84.5150 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(210, 223, 229) looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 229)  
}
```

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(210, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 229) }
```

Border

The CSS property to change the border of an element to XYZ 67.1089, 72.1341, 84.5150 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(210, 223, 229) }
```


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

```
.border{ border-color:rgb(210, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1089, 72.1341, 84.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 229) }
```

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

```
.background{ background-color: rgb(210,  
223, 229) }
```

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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