

Converting Colors

XYZ(69.3520, 72.1445, 88.8514)

Have a look what the booklet for
XYZ(69.3520, 72.1445, 88.8514)
contains.

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Color

**XYZ(69.2039, 71.9363,
88.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DCEB
RGB	217, 220, 235
RGB Percent	85%, 86%, 92%
CMY	0.1490, 0.1372, 0.0784
CMYK	0.08, 0.06, 0.00, 0.08
HSL	230°, 31%, 89%
HSV	230°, 8%, 92%
XYZ	69.2039, 71.9363, 88.8349
YIQ	220.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

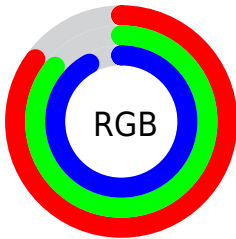
Format	Color
R _Y B	217, 220, 235
Decimal	14277867
CIE Lab	87.94, 1.81, -7.68
CIE LCh	88, 7.890, 283.239
Yxy	71.9363, 0.3009, 0.3128
Android (android.graphics.Color)	4292467947 (0xFFD9DCEB)
YUV	220.8130, 6.9942, -3.3440
Hunter-Lab	84.8153, -2.7820, -2.7292

Details

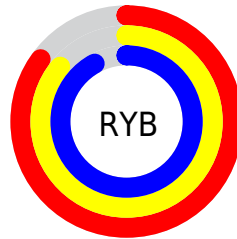
The XYZ color **69.2039, 71.9363, 88.8349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6422, 80.3845, 77.1760**, and the grayscale version is **68.5537, 72.1238, 78.5429**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4921, 37.8463, 48.0296** is the 20% darker color. If you saturate the color by 10%, you get **57.8691, 58.9079, 86.9187**, and if you desaturate by 10%, it is **82.1394, 86.6872, 91.0015**.

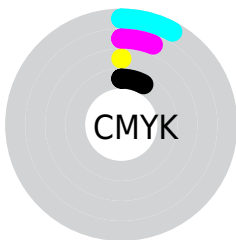
Distribution



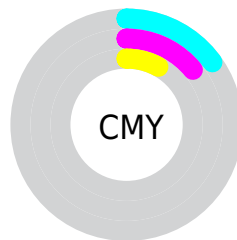
- Red (85%)
- Green (86%)
- Blue (92%)



- Red (85%)
- Yellow (86%)
- Blue (92%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2039, 71.9363, 88.8349 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 69.2039, 71.9363, 88.8349 by changing the saturation by 10% instead.

■ 69.2039, 71.9363,
88.8349

■ 69.2039, 71.9363,
88.8349

447.0599,
467.3199, 544.7055

■ 51.1550, 53.1066,
66.4465

117.1052,
121.9660, 147.6403

■ 36.5535, 37.8879,
48.1762

147.6884,
153.9348, 184.8943

■ 25.0341, 25.8957,
33.6054

183.1804,
191.0520, 227.9407

■ 16.2313, 16.7456,
22.3157

223.9465,
233.7022, 277.1978

■ 9.7799, 10.0533,
13.8886

270.3522,
282.2697, 333.0843

■ 5.3144, 5.4343,
7.9053

322.7628,

■ 2.4695, 2.5043,

337.1389, 396.0188

3.9475

381.5436,
398.6941, 466.4196

■ 0.8799, 0.8788,
1.5966

■ 0.0000, 0.0000,
0.2884

■ 69.2039, 71.9363,
88.8349

■ 69.2039, 71.9363,
88.8349

■ 57.8691, 58.9079,
86.9187

■ 82.1394, 86.6872,
91.0015

■ 48.0662, 47.5299,
85.2392

■ 91.9956, 98.7782,
92.8158

■ 39.7307, 37.7386,
83.7886

■ 32.7908, 29.4626,
82.5569

■ 27.1690, 22.6250,
81.5335

■ 22.7798, 17.1420,
80.7065

■ 19.5272, 12.9206,
80.0631

■ 17.3005, 9.8557,
79.5889

■ 15.9574, 7.8196,
79.2666

Harmonies

Analogous

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



67.3368, 71.9363, 88.6560



69.2039, 71.9363, 88.8349



70.8779, 71.9363, 86.1076

Triad

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



69.2039, 71.9363, 88.8349



71.0389, 71.9363, 71.4508



64.9724, 71.9363, 75.3806

Complementary

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



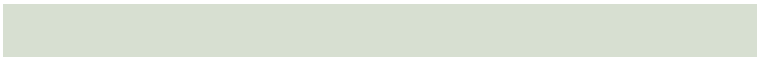
69.2039, 71.9363, 88.8349



75.6422, 80.3845, 77.1760

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.



65.9284, 71.9363, 71.0287



69.2039, 71.9363, 88.8349



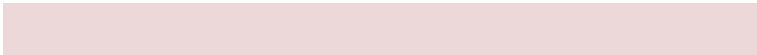
69.4204, 71.9363, 68.8320

Square

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



69.2039, 71.9363, 88.8349



71.9503, 71.9363, 75.9810



67.5494, 71.9363, 68.6811



64.9168, 71.9363, 80.7196

Rectangle

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



69.2039, 71.9363, 88.8349



71.6498, 71.9363, 83.0778



67.5494, 71.9363, 68.6811



65.1983, 71.9363, 73.7597

Sweetspot

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



69.2060, 71.9393, 88.8365



91.8579, 96.3644, 108.3665



72.8477, 79.9787, 87.7198



19.6948, 20.6641, 23.2005



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.



69.2060, 71.9393, 88.8365



81.3056, 84.3055, 106.5951



70.1486, 71.2656, 88.6568



14.4343, 14.9550, 19.0481



8.8152, 4.2773, 44.1040



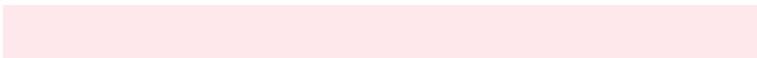
0.7523, 0.4561, 3.4833

Inverse Universe

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



71.9937, 72.4567, 77.9048



85.2334, 85.0505, 91.1889



74.6428, 81.1350, 77.3735



15.1680, 15.0950, 16.1700



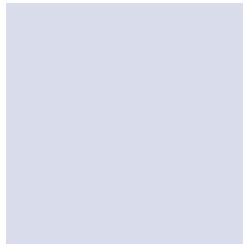
19.3048, 9.9246, 2.1404



1.5462, 0.7915, 0.3278

Previews

White Background



This preview shows how the XYZ color 69.2039, 71.9363, 88.8349 looks on a white background.

Color Contrast Check

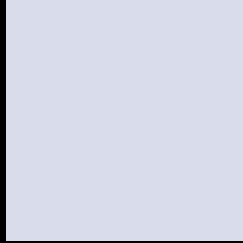
Large Text (above 18pt) WCAG AA × Fail

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 69.2039, 71.9363, 88.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

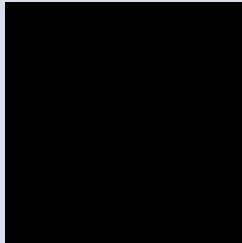
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

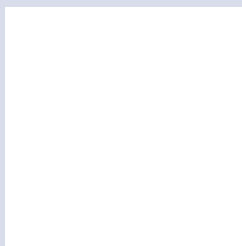
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2039, 71.9363, 88.8349

Background



This preview shows how black text looks on a background with the XYZ color 69.2039, 71.9363, 88.8349.

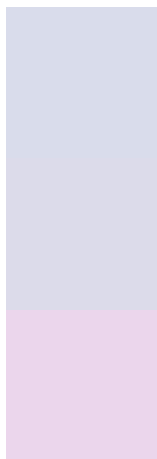


This preview shows how white text looks on a background with the XYZ color 69.2039, 71.9363,

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

69.2039, 71.9363, 88.8349

Protanopia

69.6980, 71.8192, 88.0309

Deuteranopia

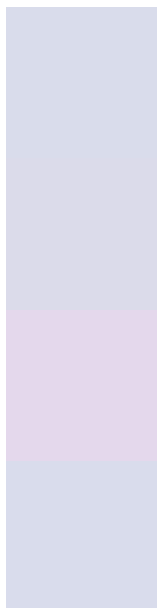
73.4478, 71.8114, 89.3468



Tritanopia

69.4945, 72.0525, 90.3655

Trichromacy



Original Color

69.2039, 71.9363, 88.8349

Protanomaly

69.3962, 71.6636, 88.0168

Deuteranomaly

71.6911, 71.6618, 89.4105

Tritanomaly

69.3488, 71.9942, 89.5981

Monochromacy



Original Color

69.2039, 71.9363, 88.8349

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.0991, 72.4195, 82.2880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2039, 71.9363, 88.8349 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(217, 220, 235)` looks like.

```
.text, #text, p{  
    color:rgb(217, 220, 235)  
}
```

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(217, 220, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 220, 235) }
```

Border

The CSS property to change the border of an element to XYZ 69.2039, 71.9363, 88.8349 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(217, 220, 235) }
```


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

```
.border{ border-color:rgb(217, 220, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 220, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 220, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 220, 235);  
box-shadow:4px 4px 4px 4px rgb(217, 220,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2039, 71.9363, 88.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 220, 235) }
```

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

```
.background{ background-color: rgb(217,  
220, 235) }
```

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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