

Converting Colors

XYZ(69.1506, 72.8731, 91.3110)

Have a look what the booklet for
XYZ(69.1506, 72.8731, 91.3110)
contains.

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Color

**XYZ(69.2609, 73.0945,
91.3471)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DFEE
RGB	213, 223, 238
RGB Percent	84%, 87%, 93%
CMY	0.1647, 0.1255, 0.0667
CMYK	0.11, 0.06, 0.00, 0.07
HSL	216°, 42%, 88%
HSV	216°, 11%, 93%
XYZ	69.2609, 73.0945, 91.3471
YIQ	221.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

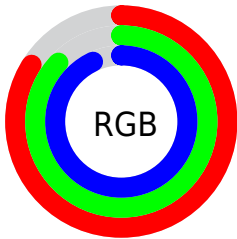
Format	Color
R _Y B	213, 220, 238
Decimal	14016494
CIE Lab	88.49, -0.46, -8.47
CIE LCh	88, 8.482, 266.882
Yxy	73.0945, 0.2964, 0.3128
Android (android.graphics.Color)	4292206574 (0xFFD5DFEE)
YUV	221.7200, 8.0260, -7.6474
Hunter-Lab	85.4953, -5.0116, -3.5014

Details

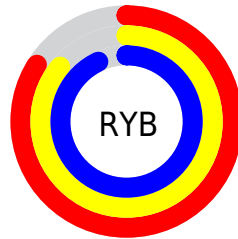
The XYZ color **69.2609, 73.0945, 91.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0140, 78.4678, 74.1445**, and the grayscale version is **69.1861, 72.7891, 79.2674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5467, 38.6518, 49.7903** is the 20% darker color. If you saturate the color by 10%, you get **59.2030, 62.4852, 89.8305**, and if you desaturate by 10%, it is **80.6579, 84.8756, 93.0215**.

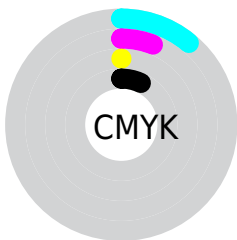
Distribution



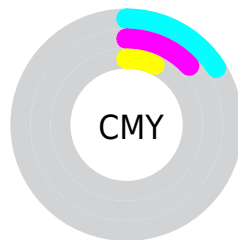
- Red (84%)
- Green (87%)
- Blue (93%)



- Red (84%)
- Yellow (86%)
- Blue (93%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2609, 73.0945, 91.3471 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 69.2609, 73.0945, 91.3471 by changing the saturation by 10% instead.

■ 69.2609, 73.0945,
91.3471

■ 69.2609, 73.0945,
91.3471

447.2576,
471.3423, 553.0860

■ 51.2016, 54.0532,
68.5185

117.1862,
123.6114, 151.1600

■ 36.5908, 38.6442,
49.8503

147.7829,
155.8557, 188.9813

■ 25.0630, 26.4831,
34.9241

183.2895,
193.2700, 232.6373

■ 16.2530, 17.1854,
23.3214

224.0712,
236.2384, 282.5465

■ 9.7953, 10.3667,
14.6235

270.4936,
285.1454, 339.1274

■ 5.3247, 5.6428,
8.4119

322.9219,

■ 2.4757, 2.6291,

340.3755, 402.7986

4.2681

381.7214,
402.3130, 473.9786

■ 0.8830, 0.9413,
1.7735

■ 0.0000, 0.0000,
0.4104

■ 69.2609, 73.0945,
91.3471

■ 69.2609, 73.0945,
91.3471

■ 59.2030, 62.4852,
89.8305

■ 80.6579, 84.8756,
93.0215

■ 50.4258, 52.9999,
88.4623

■ 91.3451, 96.7776,
94.7556

■ 42.8762, 44.6011,
87.2391

■ 92.4328, 98.9531,
95.1182

■ 36.4944, 37.2453,
86.1556

■ 31.2155, 30.8857,
85.2063

■ 26.9674, 25.4712,
84.3851

■ 23.6686, 20.9451,
83.6854

■ 21.2230, 17.2424,
83.0996

■ 19.5456, 14.3988,
82.6391

Harmonies

Analogous

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



67.3518, 73.0945, 89.3780



69.2609, 73.0945, 91.3471



71.2639, 73.0945, 90.0401

Triad

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



69.2609, 73.0945, 91.3471



73.0339, 73.0945, 74.6124



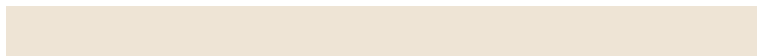
66.2385, 73.0945, 73.6028

Complementary

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



69.2609, 73.0945, 91.3471



75.0140, 78.4678, 74.1445

Split Complementary

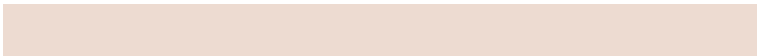
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7145, 73.0945, 69.9769



69.2609, 73.0945, 91.3471



71.6406, 73.0945, 70.5394

Square

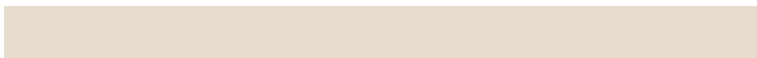
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2609, 73.0945, 91.3471



73.4673, 73.0945, 80.2003



69.6878, 73.0945, 68.8831



65.6284, 73.0945, 78.9777

Rectangle

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



69.2609, 73.0945, 91.3471



72.3786, 73.0945, 87.5201



69.6878, 73.0945, 68.8831



66.6484, 73.0945, 72.1493

Sweetspot

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



69.2630, 73.0976, 91.3487



90.8448, 95.6847, 108.2887



71.9622, 80.8748, 84.9148



19.2092, 20.2382, 23.1439



0.0000, 0.0000, 0.0000



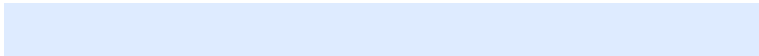
20.3446, 21.4041, 23.3091

Same Dimension

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



69.2630, 73.0976, 91.3487



77.8692, 82.2078, 106.3713



67.2771, 68.2228, 90.5125



15.4163, 16.2667, 20.0489



11.0228, 8.2699, 46.1432



1.0118, 0.8775, 3.8703

Inverse Universe

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



72.3751, 71.0950, 79.7236



82.3333, 79.4276, 89.6752



77.1504, 83.7730, 75.0559



16.0348, 15.8636, 17.7396



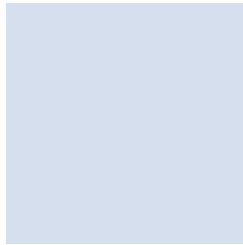
20.8894, 10.6282, 7.3343



1.7856, 0.9033, 0.8621

Previews

White Background



This preview shows how the XYZ color 69.2609, 73.0945, 91.3471 looks on a white background.

Color Contrast Check

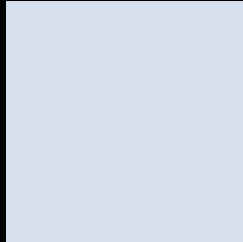
Large Text (above 18pt) WCAG AA × Fail

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 69.2609, 73.0945, 91.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

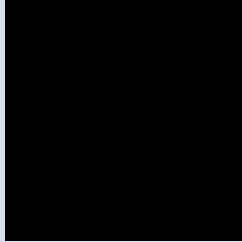
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

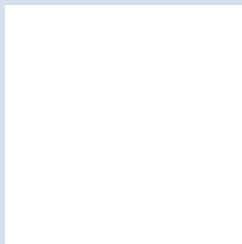
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2609, 73.0945, 91.3471

Background



This preview shows how black text looks on a background with the XYZ color 69.2609, 73.0945, 91.3471.



This preview shows how white text looks on a background with the XYZ color 69.2609, 73.0945,

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

69.2609, 73.0945, 91.3471

Protanopia

71.1210, 73.2986, 89.7565

Deuteranopia

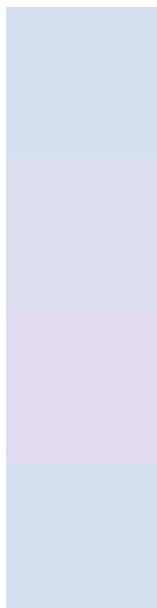
74.3968, 73.0059, 91.8318



Tritanopia

69.5564, 73.2128, 92.9035

Trichromacy



Original Color

69.2609, 73.0945, 91.3471

Protanomaly

70.6208, 73.4170, 90.5696

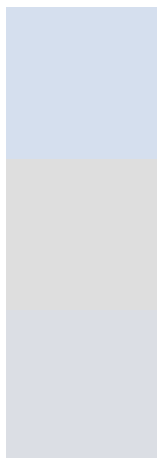
Deuteranomaly

72.5901, 73.2259, 91.9695

Tritanomaly

69.4082, 73.1535, 92.1232

Monochromacy



Original Color

69.2609, 73.0945, 91.3471

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3383, 72.9041, 83.8162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2609, 73.0945, 91.3471 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(213, 223, 238) looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 238)  
}
```

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(213, 223, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 238) }
```

Border

The CSS property to change the border of an element to XYZ 69.2609, 73.0945, 91.3471 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(213, 223, 238) }
```


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

```
.border{ border-color:rgb(213, 223, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 238);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2609, 73.0945, 91.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 238) }
```

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

```
.background{ background-color: rgb(213,  
223, 238) }
```

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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