

Converting Colors

XYZ(68.9899, 72.1562, 97.1379)

Have a look what the booklet for
XYZ(68.9899, 72.1562, 97.1379)
contains.

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Color

**XYZ(69.0693, 72.0684,
97.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DDF6
RGB	210, 221, 246
RGB Percent	82%, 87%, 96%
CMY	0.1765, 0.1333, 0.0353
CMYK	0.15, 0.10, 0.00, 0.04
HSL	222°, 67%, 89%
HSV	222°, 15%, 96%
XYZ	69.0693, 72.0684, 97.4590
YIQ	220.5610, -14.5810, 5.4430

Conversions

Conversions Part 2

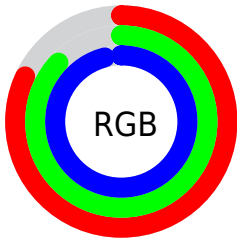
Format	Color
R _Y B	210, 218, 246
Decimal	13819382
CIE Lab	88.00, 1.24, -13.43
CIE LCh	88, 13.490, 275.278
Yxy	72.0684, 0.2895, 0.3021
Android (android.graphics.Color)	4292009462 (0xFFD2DDF6)
YUV	220.5610, 12.5414, -9.2620
Hunter-Lab	84.8931, -3.3348, -8.6409

Details

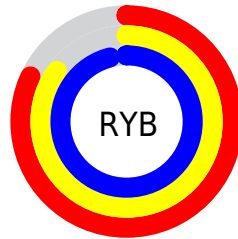
The XYZ color **69.0693, 72.0684, 97.4590** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.3475, 83.6621, 72.9404**, and the grayscale version is **68.3436, 71.9028, 78.3022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4481, 37.9587, 54.1209** is the 20% darker color. If you saturate the color by 10%, you get **58.3142, 60.1677, 95.7299**, and if you desaturate by 10%, it is **81.3642, 85.4478, 99.3946**.

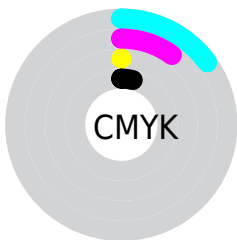
Distribution



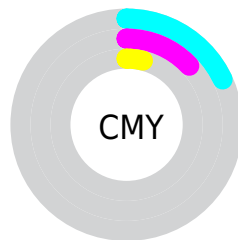
- Red (82%)
- Green (87%)
- Blue (96%)



- Red (82%)
- Yellow (85%)
- Blue (96%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0693, 72.0684, 97.4590 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 69.0693, 72.0684, 97.4590 by changing the saturation by 10% instead.

■ 69.0693, 72.0684,
97.4590

■ 69.0693, 72.0684,
97.4590

446.5929,
467.7796, 573.1918

■ 51.0450, 53.2146,
73.5751

116.9141,
122.1538, 159.6821

■ 36.4656, 37.9741,
53.9517

147.4653,
154.1541, 198.8585

■ 24.9658, 25.9626,
38.1701

182.9228,
191.3053, 243.9695

■ 16.1802, 16.7956,
25.8119

223.6520,
233.9919, 295.4335

■ 9.7434, 10.0889,
16.4585

270.0183,
282.5983, 353.6692

■ 5.2901, 5.4579,
9.6913

322.3869,

■ 2.4550, 2.5184,

337.5087, 419.0952

5.0918

381.1234,
399.1077, 492.1299

■ 0.8726, 0.8858,
2.2416

■ 0.0000, 0.0000,
0.6982

■ 69.0693, 72.0684,
97.4590

■ 69.0693, 72.0684,
97.4590

■ 58.3142, 60.1677,
95.7299

■ 81.3642, 85.4478,
99.3946

■ 49.0297, 49.6842,
94.1958

■ 93.6348, 99.4339,
101.4475

■ 41.1509, 40.5650,
92.8508

■ 34.6052, 32.7504,
91.6875

■ 29.3131, 26.1757,
90.6973

■ 25.1862, 20.7701,
89.8715

■ 22.1229, 16.4545,
89.1999

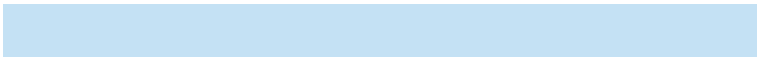
■ 20.0017, 13.1369,
88.6714

■ 19.1637, 11.7117,
88.4404

Harmonies

Analogous

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



65.9451, 72.0684, 95.6813



69.0693, 72.0684, 97.4590



72.1327, 72.0684, 93.8338

Triad

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



69.0693, 72.0684, 97.4590



73.6720, 72.0684, 68.6799



63.0340, 72.0684, 71.2944

Complementary

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



69.0693, 72.0684, 97.4590



79.3475, 83.6621, 72.9404

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.



64.9891, 72.0684, 64.8824



69.0693, 72.0684, 97.4590



71.1176, 72.0684, 63.4577

Square

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



69.0693, 72.0684, 97.4590



74.8427, 72.0684, 76.8523



67.9316, 72.0684, 62.1235



62.5240, 72.0684, 80.1107

Rectangle

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



69.0693, 72.0684, 97.4590



73.7082, 72.0684, 88.9960



67.9316, 72.0684, 62.1235



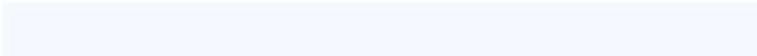
63.5409, 72.0684, 68.8090

Sweetspot

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



69.0715, 72.0714, 97.4606



89.1785, 93.6806, 107.9897



74.4730, 85.5895, 90.8911



18.8582, 19.8035, 23.0785



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.



69.0715, 72.0714, 97.4606



70.7950, 73.6342, 105.0893



68.1789, 67.4389, 96.6135



15.9942, 16.7527, 20.9332



10.3369, 6.4675, 47.2416



0.9955, 0.7424, 4.1811

Inverse Universe

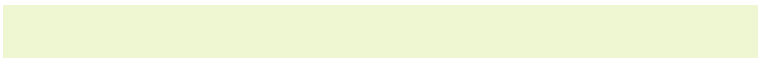
The Inverse Universe completely reimagines the original color for something new.



74.1054, 70.9080, 78.1909



77.4017, 72.2447, 79.7684



80.3216, 88.9863, 73.9168



16.7076, 16.5659, 18.2070



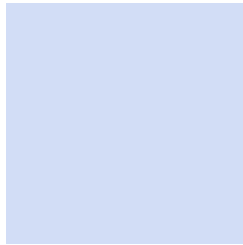
21.0221, 10.7523, 4.8247



1.8915, 0.9626, 0.6552

Previews

White Background



This preview shows how the XYZ color 69.0693, 72.0684, 97.4590 looks on a white background.

Color Contrast Check

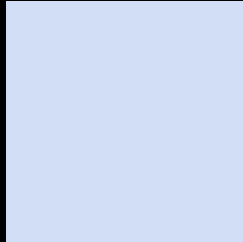
Large Text (above 18pt) WCAG AA × Fail

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 69.0693, 72.0684, 97.4590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

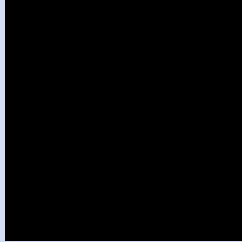
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0693, 72.0684, 97.4590

Background



This preview shows how black text looks on a background with the XYZ color 69.0693, 72.0684, 97.4590.



This preview shows how white text looks on a background with the XYZ color 69.0693, 72.0684,

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

69.0693, 72.0684, 97.4590

Protanopia

70.4282, 72.0073, 96.5730

Deuteranopia

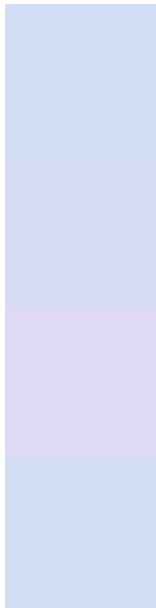
73.4020, 71.9743, 98.0194



Tritanopia

68.1439, 72.0891, 92.7611

Trichromacy



Original Color

69.0693, 72.0684, 97.4590

Protanomaly

69.8062, 72.0751, 96.6189

Deuteranomaly

71.7256, 71.8707, 98.0878

Tritanomaly

68.4428, 72.2087, 94.3347

Monochromacy



Original Color

69.0693, 72.0684, 97.4590

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7547, 72.1778, 85.1709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0693, 72.0684, 97.4590 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, 221, 246)` looks like.

```
.text, #text, p{  
    color:rgb(210, 221, 246)  
}
```

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, 221, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 221, 246) }
```

Border

The CSS property to change the border of an element to XYZ 69.0693, 72.0684, 97.4590 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, 221, 246) }
```


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

```
.border{ border-color:rgb(210, 221, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 221, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 221, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 221, 246);  
box-shadow:4px 4px 4px 4px rgb(210, 221,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0693, 72.0684, 97.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 221, 246) }
```

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

```
.background{ background-color: rgb(210,  
221, 246) }
```

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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