

Converting Colors

XYZ(69.6673, 71.1677, 93.8944)

Have a look what the booklet for
XYZ(69.6673, 71.1677, 93.8944)
contains.

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Color

**XYZ(69.7137, 71.3053,
94.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DAF2
RGB	217, 218, 242
RGB Percent	85%, 85%, 95%
CMY	0.1490, 0.1451, 0.0510
CMYK	0.10, 0.10, 0.00, 0.05
HSL	238°, 49%, 90%
HSV	238°, 10%, 95%
XYZ	69.7137, 71.3053, 94.0934
YIQ	220.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

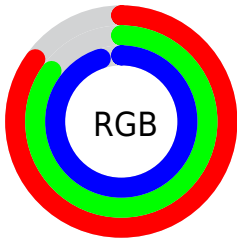
Format	Color
R _Y B	217, 218, 242
Decimal	14277362
CIE Lab	87.63, 4.22, -11.82
CIE LCh	88, 12.554, 289.654
Yxy	71.3053, 0.2965, 0.3033
Android (android.graphics.Color)	4292467442 (0xFFD9DAF2)
YUV	220.4370, 10.6306, -3.0142
Hunter-Lab	84.4425, -0.4089, -6.9565

Details

The XYZ color **69.7137, 71.3053, 94.0934** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.5980, 86.7972, 78.1527**, and the grayscale version is **68.2667, 71.8219, 78.2140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8604, 37.4209, 51.7346** is the 20% darker color. If you saturate the color by 10%, you get **57.4339, 56.6520, 91.9134**, and if you desaturate by 10%, it is **83.8967, 88.1967, 96.6074**.

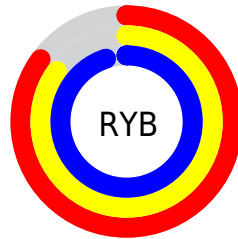
Distribution



Red (85%)

Green (85%)

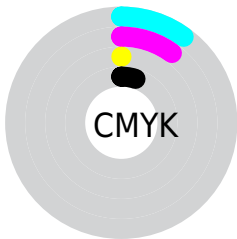
Blue (95%)



Red (85%)

Yellow (85%)

Blue (95%)

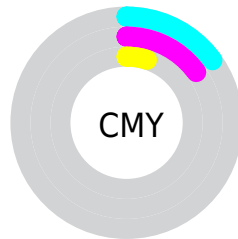


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7137, 71.3053, 94.0934 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 69.7137, 71.3053, 94.0934 by changing the saturation by 10% instead.

■ 69.7137, 71.3053,
94.0934

■ 69.7137, 71.3053,
94.0934

448.8262,
465.1200, 562.1685

■ 51.5719, 52.5914,
70.7879

117.8289,
121.0683, 154.9963

■ 36.8869, 37.4767,
51.6884

148.5330,
152.8862, 193.4308

■ 25.2932, 25.5768,
36.3762

184.1552,
189.8409, 237.7454

■ 16.4255, 16.5073,
24.4329

225.0610,
232.3168, 288.3586

■ 9.9185, 9.8838,
15.4399

271.6156,
280.6982, 345.6890

■ 5.4068, 5.3220,
8.9787

324.1845,

■ 2.5251, 2.4374,

335.3697, 410.1551

4.6306

383.1329,
396.7154, 482.1754

■ 0.9079, 0.8450,
1.9773

■ 0.0000, 0.0000,
0.5413

■ 69.7137, 71.3053,
94.0934

■ 69.7137, 71.3053,
94.0934

■ 57.4339, 56.6520,
91.9134

■ 83.8967, 88.1967,
96.6074

■ 46.9704, 44.1345,
90.0487

■ 93.0272, 99.1909,
98.2482

■ 38.2388, 33.6557,
88.4863

■ 31.1456, 25.1077,
87.2102

■ 25.5886, 18.3726,
86.2031

■ 21.4542, 13.3195,
85.4457

■ 18.6126, 9.8000,
84.9161

■ 16.9109, 7.6400,
84.5889

■ 16.1326, 6.6216,
84.4333

Harmonies

Analogous

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



66.7525, 71.3053, 94.8769



69.7137, 71.3053, 94.0934



72.2226, 71.3053, 88.7235

Triad

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



69.7137, 71.3053, 94.0934



71.5407, 71.3053, 65.8226



62.3062, 71.3053, 74.7372

Complementary

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



69.7137, 71.3053, 94.0934



80.5980, 86.7972, 78.1527

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.



63.5111, 71.3053, 67.5191



69.7137, 71.3053, 94.0934



68.8050, 71.3053, 62.6273

Square

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



69.7137, 71.3053, 94.0934



73.2986, 71.3053, 72.2641



65.8697, 71.3053, 63.2248



62.5334, 71.3053, 83.2747

Rectangle

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



69.7137, 71.3053, 94.0934



73.2737, 71.3053, 83.4695



65.8697, 71.3053, 63.2248



62.5557, 71.3053, 72.0872

Sweetspot

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



69.7158, 71.3083, 94.0950



89.9933, 93.9818, 108.0049



76.2085, 84.5932, 95.3361



18.9802, 19.7802, 23.0675



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.



69.7158, 71.3083, 94.0950



76.0097, 77.3216, 105.5262



72.9155, 72.5729, 94.1704



14.9481, 15.3303, 19.8928



8.6898, 3.6038, 45.3655



0.7407, 0.3354, 3.7799

Inverse Universe

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



74.0874, 73.5665, 76.6280



81.6797, 80.2571, 82.8699



77.1521, 85.4626, 78.0767



15.7985, 15.7691, 16.4951



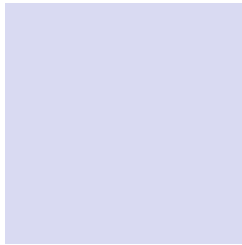
19.7118, 10.1572, 1.1331



1.6488, 0.8486, 0.1415

Previews

White Background



This preview shows how the XYZ color 69.7137, 71.3053, 94.0934 looks on a white background.

Color Contrast Check

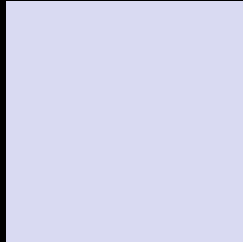
Large Text (above 18pt) WCAG AA × Fail

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 69.7137, 71.3053, 94.0934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

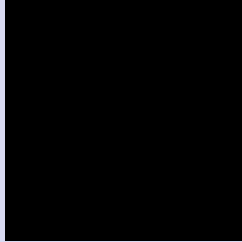
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7137, 71.3053, 94.0934

Background



This preview shows how black text looks on a background with the XYZ color 69.7137, 71.3053, 94.0934.

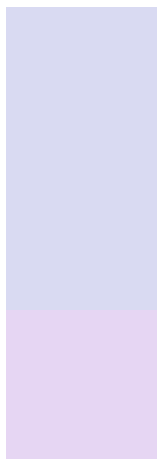


This preview shows how white text looks on a background with the XYZ color 69.7137, 71.3053,

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

69.7137, 71.3053, 94.0934

Protanopia

69.7137, 71.3053, 94.0934

Deuteranopia

72.8574, 71.3872, 94.7331



Tritanopia

68.7907, 71.3181, 89.4970

Trichromacy



Original Color

69.7137, 71.3053, 94.0934

Protanomaly

69.7137, 71.3053, 94.0934

Deuteranomaly

71.5294, 71.0795, 94.7437

Tritanomaly

69.0830, 71.4350, 91.0362

Monochromacy



Original Color

69.7137, 71.3053, 94.0934

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.5485, 71.3245, 83.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7137, 71.3053, 94.0934 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, 218, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 242)  
}
```

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, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 242) }
```

Border

The CSS property to change the border of an element to XYZ 69.7137, 71.3053, 94.0934 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, 218, 242) }
```


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

```
.border{ border-color:rgb(217, 218, 242) }
```

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

Here you see how a box with a 4 pixel rgb(217, 218, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7137, 71.3053, 94.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 242) }
```

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

```
.background{ background-color: rgb(217,  
218, 242) }
```

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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