

Converting Colors

XYZ(69.4386, 70.7633, 94.0356)

Have a look what the booklet for
XYZ(69.4386, 70.7633, 94.0356)
contains.

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Color

**XYZ(69.4551, 70.7882,
94.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D9F2
RGB	217, 217, 242
RGB Percent	85%, 85%, 95%
CMY	0.1490, 0.1490, 0.0510
CMYK	0.10, 0.10, 0.00, 0.05
HSL	240°, 49%, 90%
HSV	240°, 10%, 95%
XYZ	69.4551, 70.7882, 94.0072
YIQ	219.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

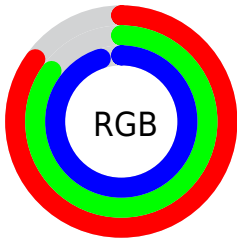
Format	Color
R _Y B	217, 217, 242
Decimal	14277106
CIE Lab	87.38, 4.75, -12.20
CIE LCh	87, 13.089, 291.263
Yxy	70.7882, 0.2965, 0.3022
Android (android.graphics.Color)	4292467186 (0xFFD9D9F2)
YUV	219.8500, 10.9200, -2.4994
Hunter-Lab	84.1357, 0.1165, -7.3514

Details

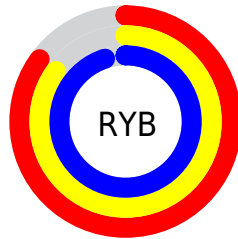
The XYZ color **69.4551, 70.7882, 94.0072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.8947, 87.3906, 78.2514**, and the grayscale version is **67.8549, 71.3887, 77.7423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6835, 37.0672, 51.6756** is the 20% darker color. If you saturate the color by 10%, you get **56.9965, 55.7773, 91.7675**, and if you desaturate by 10%, it is **83.8871, 88.1776, 96.6042**.

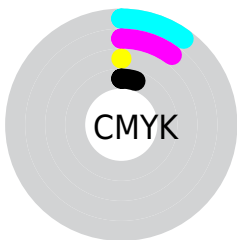
Distribution



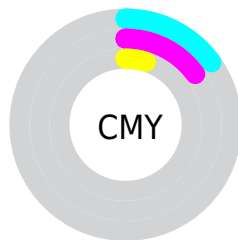
- Red (85%)
- Green (85%)
- Blue (95%)



- 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 69.4551, 70.7882, 94.0072 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 69.4551, 70.7882, 94.0072 by changing the saturation by 10% instead.

■ 69.4551, 70.7882,
94.0072

■ 69.4551, 70.7882,
94.0072

447.9308,
463.3127, 561.8847

■ 51.3604, 52.1694,
70.7166

117.4619,
120.3321, 154.8761

■ 36.7177, 37.1401,
51.6306

148.1047,
152.0260, 193.2914

■ 25.1617, 25.3160,
36.3305

183.6609,
188.8469, 237.5854

■ 16.3269, 16.3126,
24.3978

224.4959,
231.1795, 288.1767

■ 9.8481, 9.7456,
15.4141

270.9750,
279.4079, 345.4837

■ 5.3599, 5.2306,
8.9607

323.4636,

■ 2.4968, 2.3832,

333.9167, 409.9250

4.6191

382.3271,
395.0901, 481.9192

■ 0.8937, 0.8172,
1.9707

■ 0.0000, 0.0000,
0.5372

■ 69.4551, 70.7882,
94.0072

■ 69.4551, 70.7882,
94.0072

■ 56.9965, 55.7773,
91.7675

■ 83.8871, 88.1776,
96.6042

■ 46.4197, 43.0331,
89.8651

■ 93.0272, 99.1909,
98.2482

■ 37.6351, 32.4484,
88.2851

■ 30.5434, 23.9034,
87.0095

■ 25.0358, 17.2669,
86.0188

■ 20.9908, 12.3927,
85.2912

■ 18.2691, 9.1129,
84.8016

■ 16.7048, 7.2277,
84.5201

■ 16.0275, 6.4115,
84.3983

Harmonies

Analogous

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



66.3855, 70.7882, 95.1060



69.4551, 70.7882, 94.0072



72.0134, 70.7882, 88.1966

Triad

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



69.4551, 70.7882, 94.0072



71.0605, 70.7882, 64.5761



61.5907, 70.7882, 74.5259

Complementary

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



69.4551, 70.7882, 94.0072



80.8947, 87.3906, 78.2514

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.



62.7627, 70.7882, 66.9324



69.4551, 70.7882, 94.0072



68.1866, 70.7882, 61.4826

Square

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



69.4551, 70.7882, 94.0072



72.9597, 70.7882, 71.0812



65.1548, 70.7882, 62.3111



61.9069, 70.7882, 83.3993

Rectangle

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



69.4551, 70.7882, 94.0072



73.0542, 70.7882, 82.6600



65.1548, 70.7882, 62.3111



61.8223, 70.7882, 71.7499

Sweetspot

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



69.4572, 70.7912, 94.0088



89.8995, 93.7942, 107.9736



76.3331, 84.6430, 95.9923



18.9551, 19.7299, 23.0592



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.



69.4572, 70.7912, 94.0088



75.6789, 76.6598, 105.4159



73.1808, 72.7096, 94.1828



14.8975, 15.2291, 19.8759



8.6101, 3.4444, 45.3389



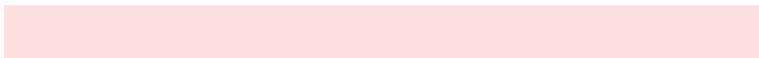
0.7163, 0.2867, 3.7718

Inverse Universe

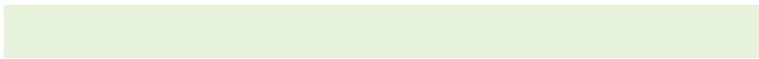
The Inverse Universe completely reimagines the original color for something new.



73.9568, 73.5142, 75.9407



81.5127, 80.1903, 81.9905



76.8841, 85.3244, 78.0640



15.7729, 15.7589, 16.3606



19.6716, 10.1411, 0.9212



1.6365, 0.8437, 0.0768

Previews

White Background



This preview shows how the XYZ color 69.4551, 70.7882, 94.0072 looks on a white background.

Color Contrast Check

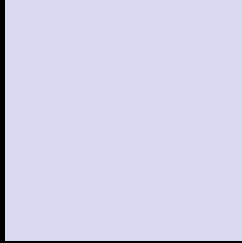
Large Text (above 18pt) WCAG AA × Fail

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 69.4551, 70.7882, 94.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

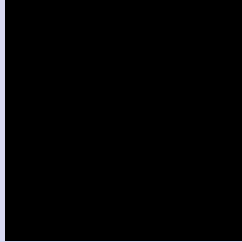
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4551, 70.7882, 94.0072

Background



This preview shows how black text looks on a background with the XYZ color 69.4551, 70.7882, 94.0072.

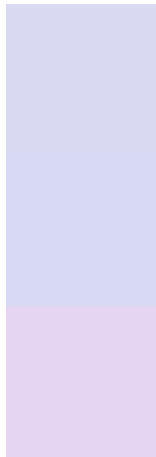


This preview shows how white text looks on a background with the XYZ color 69.4551, 70.7882,

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

69.4551, 70.7882, 94.0072

Protanopia

69.1588, 70.6354, 93.9933

Deuteranopia

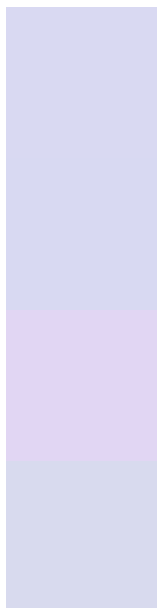
72.2850, 70.7176, 94.6340



Tritanopia

68.3857, 70.7399, 88.6471

Trichromacy



Original Color

69.4551, 70.7882, 94.0072

Protanomaly

69.1588, 70.6354, 93.9933

Deuteranomaly

71.2756, 70.5718, 94.6591

Tritanomaly

68.8229, 70.9148, 90.9495

Monochromacy



Original Color

69.4551, 70.7882, 94.0072

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 69.4551, 70.7882, 94.0072 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, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 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, 217, 242) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 69.4551, 70.7882, 94.0072 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, 217, 242) }
```


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

```
.border{ border-color:rgb(217, 217, 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, 217, 242)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 69.4551, 70.7882, 94.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(217,  
217, 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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