

Converting Colors

XYZ(70.5407, 69.1154, 92.8422)

Have a look what the booklet for
XYZ(70.5407, 69.1154, 92.8422)
contains.

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Color

**XYZ(70.5355, 69.1082,
92.8407)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E2D3F1 |
| RGB | 226, 211, 241 |
| RGB Percent | 89%, 83%, 95% |
| CMY | 0.1137, 0.1725, 0.0549 |
| CMYK | 0.06, 0.12, 0.00, 0.05 |
| HSL | 270°, 52%, 89% |
| HSV | 270°, 12%, 95% |
| XYZ | 70.5355, 69.1082, 92.8407 |
| YIQ | 218.9050, -0.6900, 12.5100 |

Conversions

Conversions Part 2

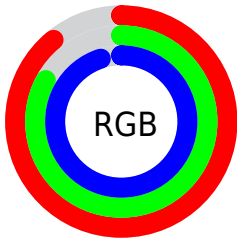
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 226, 211, 241 |
| Decimal | 14865393 |
| CIE Lab | 86.56, 10.62, -12.83 |
| CIE LCh | 87, 16.656, 309.629 |
| Yxy | 69.1082, 0.3034, 0.2973 |
| Android (android.graphics.Color) | 4293055473 (0xFFE2D3F1) |
| YUV | 218.9050, 10.8928, 6.2223 |
| Hunter-Lab | 83.1313, 5.9743, -8.0229 |

Details

The XYZ color **70.5355, 69.1082, 92.8407** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.5798, 83.7843, 73.8727**, and the grayscale version is **67.1951, 70.6945, 76.9863**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4400, 35.9376, 50.8623** is the 20% darker color. If you saturate the color by 10%, you get **61.3447, 56.1401, 90.8231**, and if you desaturate by 10%, it is **80.8936, 84.0143, 95.1730**.

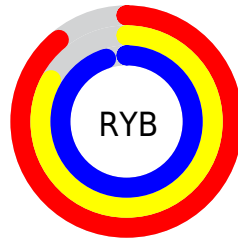
Distribution



Red (89%)

Green (83%)

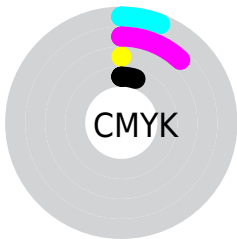
Blue (95%)



Red (89%)

Yellow (83%)

Blue (95%)

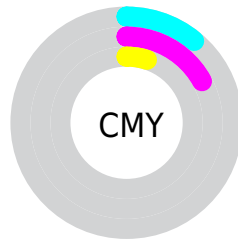


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5355, 69.1082, 92.8407 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 70.5355, 69.1082, 92.8407 by changing the saturation by 10% instead.

70.5355, 69.1082,
92.8407

70.5355, 69.1082,
92.8407

451.6652,
457.4125, 558.0356

52.2444, 50.7998,
69.7522

118.9942,
117.9361, 153.2478

37.4250, 36.0493,
50.8490

149.8925,
149.2244, 191.4035

25.7119, 24.4723,
35.7125

185.7239,
185.6082, 235.4187

16.7398, 15.6843,
23.9243

226.8538,
227.4718, 285.7119

10.1433, 9.3011,
15.0658

273.6475,
275.1996, 342.7017

5.5571, 4.9381,
8.7185

326.4704,

2.6157, 2.2110,

329.1761, 406.8065

4.4637

385.6878,
389.7856, 478.4450

■ 0.9540, 0.7260,
1.8830

■ 0.0000, 0.0000,
0.4819

■ 70.5355, 69.1082,
92.8407

■ 70.5355, 69.1082,
92.8407

■ 61.3447, 56.1401,
90.8231

■ 80.8936, 84.0143,
95.1730

■ 53.2699, 45.0186,
89.1020

■ 91.0991, 98.2142,
97.3760

■ 46.2646, 35.6584,
87.6645

■ 92.8774, 99.1310,
97.4592

■ 40.2766, 27.9634,
86.4948

■ 35.2489, 21.8282,
85.5756

■ 31.1176, 17.1349,
84.8874

■ 27.8104, 13.7478,
84.4080

■ 25.2404, 11.5038,
84.1103

■ 23.6911, 10.3791,
83.9749

Harmonies

Analogous

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



66.9350, 69.1082, 98.2180



70.5355, 69.1082, 92.8407



72.8942, 69.1082, 82.8941

Triad

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



70.5355, 69.1082, 92.8407



68.3038, 69.1082, 57.0219



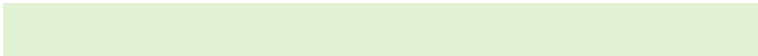
58.6339, 69.1082, 78.8602

Complementary

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



70.5355, 69.1082, 92.8407



74.5798, 83.7843, 73.8727

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.



58.9680, 69.1082, 68.0855



70.5355, 69.1082, 92.8407



64.4512, 69.1082, 56.1698

Square

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



70.5355, 69.1082, 92.8407



71.5711, 69.1082, 62.4834



61.0626, 69.1082, 60.0296



60.1313, 69.1082, 89.6404

Rectangle

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



70.5355, 69.1082, 92.8407



73.3929, 69.1082, 75.3847



61.0626, 69.1082, 60.0296



58.5371, 69.1082, 75.1096

Sweetspot

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



70.5376, 69.1111, 92.8422



90.0303, 92.7093, 107.7573



70.0763, 74.8674, 93.9776



19.0734, 19.5589, 23.0199



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.



70.5376, 69.1111, 92.8422



77.3484, 74.5281, 104.9164



75.2786, 71.5552, 93.0641



15.6502, 15.6169, 19.9111



13.0026, 5.7085, 45.5444



1.1964, 0.5340, 3.7942

Inverse Universe

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



73.2998, 70.7834, 81.7542



81.1109, 76.8059, 89.8131



70.2232, 81.5384, 73.6688



16.1025, 15.8907, 18.0958



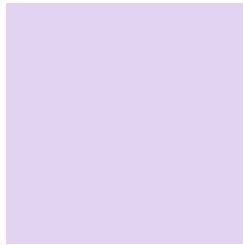
21.5949, 10.9104, 11.0492



1.8467, 0.9277, 1.1837

Previews

White Background



This preview shows how the XYZ color 70.5355, 69.1082, 92.8407 looks on a white background.

Color Contrast Check

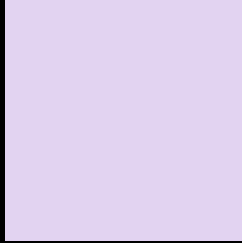
Large Text (above 18pt) WCAG AA × Fail

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 70.5355, 69.1082, 92.8407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

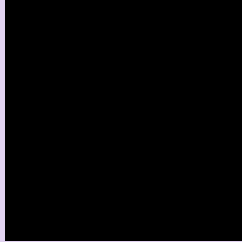
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5355, 69.1082, 92.8407

Background



This preview shows how black text looks on a background with the XYZ color 70.5355, 69.1082, 92.8407.



This preview shows how white text looks on a background with the XYZ color 70.5355, 69.1082,

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

70.5355, 69.1082, 92.8407

Protanopia

68.0701, 69.2787, 95.3724

Deuteranopia

70.5355, 69.1082, 92.8407



Tritanopia

68.8176, 69.1490, 84.5829

Trichromacy



Original Color

70.5355, 69.1082, 92.8407

Protanomaly

69.1377, 69.4696, 94.5591

Deuteranomaly

70.5355, 69.1082, 92.8407

Tritanomaly

69.4461, 69.0350, 87.5068

Monochromacy



Original Color

70.5355, 69.1082, 92.8407

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.5452, 70.1874, 82.6078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5355, 69.1082, 92.8407 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(226, 211, 241)` looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 241)  
}
```

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(226, 211, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 241) }
```

Border

The CSS property to change the border of an element to XYZ 70.5355, 69.1082, 92.8407 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(226, 211, 241) }
```


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

```
.border{ border-color:rgb(226, 211, 241) }
```

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

Here you see how a box with a 4 pixel rgb(226, 211, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 241);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5355, 69.1082, 92.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 241) }
```

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

```
.background{ background-color: rgb(226,  
211, 241) }
```

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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