

Converting Colors

XYZ(71.1102, 69.9360, 92.7995)

Have a look what the booklet for
XYZ(71.1102, 69.9360, 92.7995)
contains.

XYZ(71.0992, 69.7687, 92.9385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.0992, 69.7687,
92.9385)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D4F1
RGB	227, 212, 241
RGB Percent	89%, 83%, 95%
CMY	0.1098, 0.1686, 0.0549
CMYK	0.06, 0.12, 0.00, 0.05
HSL	271°, 51%, 89%
HSV	271°, 12%, 95%
XYZ	71.0992, 69.7687, 92.9385
YIQ	219.7910, -0.3690, 12.1990

Conversions

Conversions Part 2

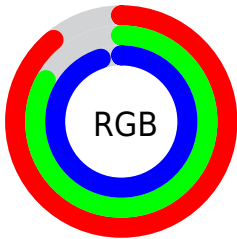
Format	Color
R_{YB}	227, 212, 241
Decimal	14931185
CIE _{Lab}	86.88, 10.42, -12.33
CIE _{LCh}	87, 16.147, 310.200
Yxy	69.7687, 0.3041, 0.2984
Android (android.graphics.Color)	4293121265 (0xFFE3D4F1)
YUV	219.7910, 10.4560, 6.3223
Hunter-Lab	83.5277, 5.7668, -7.5007

Details

The XYZ color **71.0992, 69.7687, 92.9385** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.7055, 83.8347, 74.5350**, and the grayscale version is **67.8132, 71.3448, 77.6944**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8272, 36.3874, 50.9287** is the 20% darker color. If you saturate the color by 10%, you get **61.9723, 56.7794, 90.9134**, and if you desaturate by 10%, it is **81.3775, 84.6902, 95.2780**.

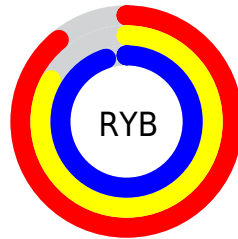
Distribution



Red (89%)

Green (83%)

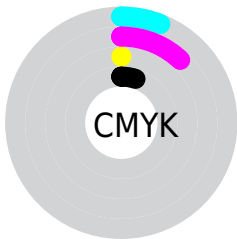
Blue (95%)



Red (89%)

Yellow (83%)

Blue (95%)

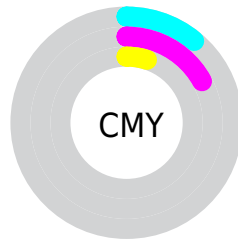


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0992, 69.7687, 92.9385 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 71.0992, 69.7687, 92.9385 by changing the saturation by 10% instead.

71.0992, 69.7687,
92.9385

71.0992, 69.7687,
92.9385

453.6066,
459.7375, 558.3589

52.7060, 51.3380,
69.8330

119.7927,
118.8788, 153.3844

37.7946, 36.4777,
50.9144

150.8237,
150.3271, 191.5620

25.9998, 24.8033,
35.7643

186.7980,
186.8833, 235.6006

16.9562, 15.9306,
23.9639

228.0810,
228.9318, 285.9188

10.2984, 9.4751,
15.0949

275.0380,
276.8571, 342.9352

5.6610, 5.0523,
8.7387

328.0343,

2.6788, 2.2780,

331.0435, 407.0683

4.4766

387.4354,
391.8755, 478.7367

■ 0.9863, 0.7620,
1.8903

■ 0.0000, 0.0000,
0.4866

■ 71.0992, 69.7687,
92.9385

■ 71.0992, 69.7687,
92.9385

■ 61.9723, 56.7794,
90.9134

■ 81.3775, 84.6902,
95.2780

■ 53.9459, 45.6314,
89.1847

■ 91.1597, 98.2455,
97.3788

■ 46.9746, 36.2398,
87.7393

■ 92.8774, 99.1310,
97.4592

■ 41.0067, 28.5092,
86.5617

■ 35.9860, 22.3351,
85.6346

■ 31.8499, 17.6005,
84.9387

■ 28.5269, 14.1709,
84.4519

■ 25.9319, 11.8851,
84.1475

■ 24.2830, 10.6842,
84.0026

Harmonies

Analogous

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



67.6040, 69.7687, 98.2673



71.0992, 69.7687, 92.9385



73.3645, 69.7687, 83.2124

Triad

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



71.0992, 69.7687, 92.9385



68.7971, 69.7687, 58.0716



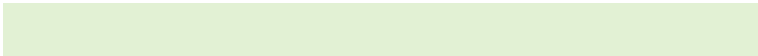
59.4364, 69.7687, 79.6993

Complementary

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



71.0992, 69.7687, 92.9385



74.7055, 83.8347, 74.5350

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.



59.7285, 69.7687, 69.1535



71.0992, 69.7687, 92.9385



65.0386, 69.7687, 57.3236

Square

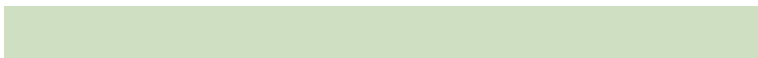
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0992, 69.7687, 92.9385



72.0010, 69.7687, 63.3476



61.7467, 69.7687, 61.1973



60.9329, 69.7687, 90.1584

Rectangle

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



71.0992, 69.7687, 92.9385



73.8235, 69.7687, 75.8939



61.7467, 69.7687, 61.1973



59.3301, 69.7687, 76.0386

Sweetspot

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



71.1013, 69.7717, 92.9400



90.0933, 92.7418, 107.7603



70.2320, 74.7524, 93.9472



19.0893, 19.5671, 23.0207



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.



71.1013, 69.7717, 92.9400



78.6405, 76.1760, 105.1664



75.6262, 72.1127, 92.7754



15.6771, 15.6308, 19.9124



13.3247, 5.8745, 45.5595



1.2234, 0.5479, 3.7955

Inverse Universe

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



73.5490, 71.2818, 81.8372



81.8682, 78.1671, 90.5388



70.5540, 81.6874, 74.6595



16.0907, 15.8860, 18.0340



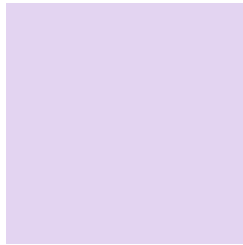
21.4597, 10.8563, 10.3373



1.8353, 0.9232, 1.1236

Previews

White Background



This preview shows how the XYZ color 71.0992, 69.7687, 92.9385 looks on a white background.

Color Contrast Check

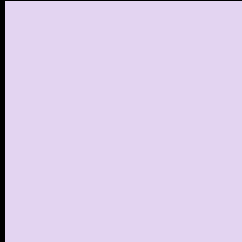
Large Text (above 18pt) WCAG AA × Fail

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 71.0992, 69.7687, 92.9385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

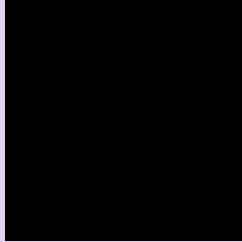
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0992, 69.7687, 92.9385

Background



This preview shows how black text looks on a background with the XYZ color 71.0992, 69.7687, 92.9385.



This preview shows how white text looks on a background with the XYZ color 71.0992, 69.7687,

92.9385.

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

71.0992, 69.7687, 92.9385

Protanopia

68.6166, 69.9395, 95.4711

Deuteranopia

71.4156, 69.9318, 92.9533



Tritanopia

69.5217, 69.8702, 85.4234

Trichromacy



Original Color

71.0992, 69.7687, 92.9385

Protanomaly

69.6915, 70.1320, 94.6577

Deuteranomaly

71.4156, 69.9318, 92.9533

Tritanomaly

70.1537, 69.7554, 88.3639

Monochromacy



Original Color

71.0992, 69.7687, 92.9385

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.2479, 70.9151, 83.4370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0992, 69.7687, 92.9385 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(227, 212, 241)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 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(227, 212, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.0992, 69.7687, 92.9385 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(227, 212, 241) }
```


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

```
.border{ border-color:rgb(227, 212, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 212, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 241);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0992, 69.7687, 92.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 241) }
```

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

```
.background{ background-color: rgb(227,  
212, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor