

Converting Colors

XYZ(70.9093, 71.7013, 92.4222)

Have a look what the booklet for
XYZ(70.9093, 71.7013, 92.4222)
contains.

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Color

**XYZ(70.9725, 71.6050,
92.5186)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD9F0
RGB	223, 217, 240
RGB Percent	87%, 85%, 94%
CMY	0.1255, 0.1490, 0.0588
CMYK	0.07, 0.10, 0.00, 0.06
HSL	256°, 43%, 90%
HSV	256°, 10%, 94%
XYZ	70.9725, 71.6050, 92.5186
YIQ	221.4160, -3.8070, 8.4250

Conversions

Conversions Part 2

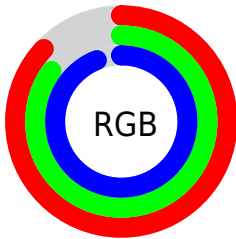
Format	Color
R _Y B	223, 217, 240
Decimal	14670320
CIE Lab	87.78, 6.30, -10.50
CIE LCh	88, 12.246, 300.935
Yxy	71.6050, 0.3019, 0.3046
Android (android.graphics.Color)	4292860400 (0xFFDFD9F0)
YUV	221.4160, 9.1619, 1.3892
Hunter-Lab	84.6197, 1.6275, -5.5906

Details

The XYZ color **70.9725, 71.6050, 92.5186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.6188, 84.8243, 77.9310**, and the grayscale version is **68.9609, 72.5522, 79.0094**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7205, 37.6262, 50.6219** is the 20% darker color. If you saturate the color by 10%, you get **60.0482, 57.4497, 90.3632**, and if you desaturate by 10%, it is **83.3734, 87.8608, 95.0038**.

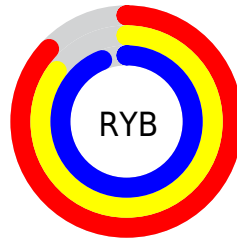
Distribution



Red (87%)

Green (85%)

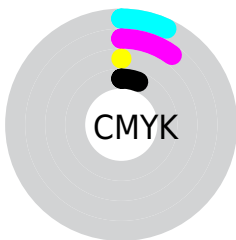
Blue (94%)



Red (87%)

Yellow (85%)

Blue (94%)

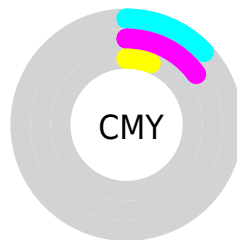


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (15%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9725, 71.6050, 92.5186 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 70.9725, 71.6050, 92.5186 by changing the saturation by 10% instead.

70.9725, 71.6050,
92.5186

70.9725, 71.6050,
92.5186

453.1706,
466.1656, 556.9703

52.6022, 52.8361,
69.4860

119.6133,
121.4948, 152.7979

37.7115, 37.6719,
50.6334

150.6145,
153.3844, 190.8817

25.9351, 25.7282,
35.5422

186.5567,
190.4164, 234.8196

16.9075, 16.6204,
23.7940

227.8053,
232.9752, 285.0302

10.2634, 9.9642,
14.9701

274.7257,
281.4451, 341.9320

5.6376, 5.3752,
8.6520

327.6831,

2.6645, 2.4691,

336.2105, 405.9436

4.4212

387.0430,
397.6559, 477.4835

■ 0.9790, 0.8611,
1.8591

■ 0.0000, 0.0000,
0.4665

■ 70.9725, 71.6050,
92.5186

■ 70.9725, 71.6050,
92.5186

■ 60.0482, 57.4497,
90.3632

■ 83.3734, 87.8608,
95.0038

■ 50.5379, 45.2995,
88.5192

■ 92.7284, 99.0714,
96.6746

■ 42.3839, 35.0648,
86.9735

■ 35.5219, 26.6461,
85.7102

■ 29.8819, 19.9341,
84.7119

■ 25.3873, 14.8080,
83.9594

■ 21.9518, 11.1303,
83.4306

■ 19.4754, 8.7392,
83.0996

■ 17.8102, 7.3807,
82.9251

Harmonies

Analogous

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



68.1497, 71.6050, 95.0921



70.9725, 71.6050, 92.5186



73.0620, 71.6050, 86.0039

Triad

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



70.9725, 71.6050, 92.5186



70.8101, 71.6050, 64.7937



62.6211, 71.6050, 78.2273

Complementary

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



70.9725, 71.6050, 92.5186



77.6188, 84.8243, 77.9310

Split Complementary

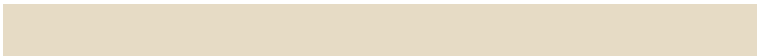
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.2886, 71.6050, 70.4446



70.9725, 71.6050, 92.5186



67.9672, 71.6050, 63.0299

Square

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



70.9725, 71.6050, 92.5186



72.9664, 71.6050, 70.0224



65.2252, 71.6050, 65.0249



63.3756, 71.6050, 86.4880

Rectangle

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



70.9725, 71.6050, 92.5186



73.7288, 71.6050, 80.5150



65.2252, 71.6050, 65.0249



62.6865, 71.6050, 75.4707

Sweetspot

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



70.9746, 71.6080, 92.5202



90.6079, 94.1590, 108.0067



73.8399, 80.0333, 93.9954



19.1454, 19.8279, 23.0680



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.



70.9746, 71.6080, 92.5202



79.5240, 79.6681, 105.7938



74.5572, 73.4549, 92.6878



15.2837, 15.4280, 19.8940



9.8230, 4.0693, 45.3956



0.9073, 0.3850, 3.7807

Inverse Universe

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



75.6018, 74.0947, 88.1625



85.5899, 82.9286, 100.0470



74.0413, 82.9800, 77.7635



16.2680, 15.9569, 18.9674



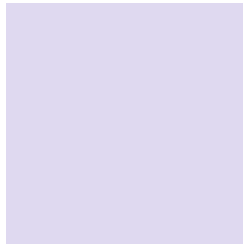
24.0957, 11.9107, 24.2183



2.0450, 1.0070, 2.2277

Previews

White Background



This preview shows how the XYZ color 70.9725, 71.6050, 92.5186 looks on a white background.

Color Contrast Check

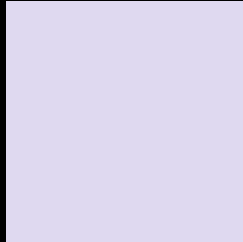
Large Text (above 18pt) WCAG AA × Fail

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 70.9725, 71.6050, 92.5186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

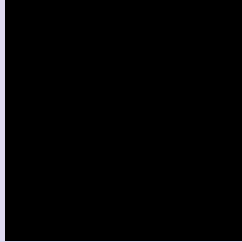
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9725, 71.6050, 92.5186

Background



This preview shows how black text looks on a background with the XYZ color 70.9725, 71.6050, 92.5186.



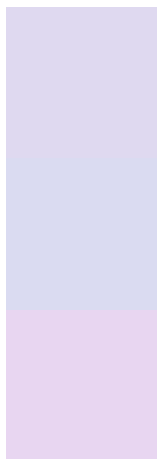
This preview shows how white text looks on a background with the XYZ color 70.9725, 71.6050,

92.5186.

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

70.9725, 71.6050, 92.5186

Protanopia

70.1221, 71.9193, 93.4051

Deuteranopia

73.2025, 71.5998, 93.1810



Tritanopia

70.1910, 71.6706, 88.7316

Trichromacy



Original Color

70.9725, 71.6050, 92.5186

Protanomaly

70.4638, 71.7093, 93.3465

Deuteranomaly

72.4907, 71.6098, 93.2205

Tritanomaly

70.4817, 71.7868, 90.2622

Monochromacy



Original Color

70.9725, 71.6050, 92.5186

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.7210, 72.3174, 83.6828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9725, 71.6050, 92.5186 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(223, 217, 240)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 240)  
}
```

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(223, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 240) }
```

Border

The CSS property to change the border of an element to XYZ 70.9725, 71.6050, 92.5186 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(223, 217, 240) }
```


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

```
.border{ border-color:rgb(223, 217, 240) }
```

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

Here you see how a box with a 4 pixel rgb(223, 217, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(223, 217,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9725, 71.6050, 92.5186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 240) }
```

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

```
.background{ background-color: rgb(223,  
217, 240) }
```

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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