

Converting Colors

XYZ(70.7955, 69.9043, 95.7870)

Have a look what the booklet for
XYZ(70.7955, 69.9043, 95.7870)
contains.

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Color

**XYZ(71.0162, 70.0284,
96.1601)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5F5
RGB	224, 213, 245
RGB Percent	88%, 84%, 96%
CMY	0.1216, 0.1647, 0.0392
CMYK	0.09, 0.13, 0.00, 0.04
HSL	261°, 62%, 90%
HSV	261°, 13%, 96%
XYZ	71.0162, 70.0284, 96.1601
YIQ	219.9370, -3.7160, 12.2840

Conversions

Conversions Part 2

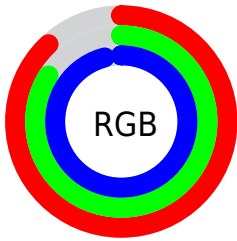
Format	Color
R_{YB}	224, 213, 245
Decimal	14734837
CIE Lab	87.01, 9.70, -14.28
CIE LCh	87, 17.261, 304.175
Yxy	70.0284, 0.2994, 0.2952
Android (android.graphics.Color)	4292924917 (0xFFE0D5F5)
YUV	219.9370, 12.3561, 3.5633
Hunter-Lab	83.6830, 5.0359, -9.5521

Details

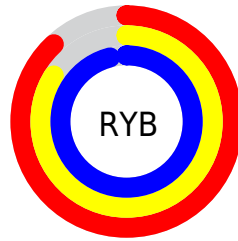
The XYZ color **71.0162, 70.0284, 96.1601** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.5968, 87.6032, 75.7208**, and the grayscale version is **67.9038, 71.4401, 77.7983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7744, 36.5629, 53.2105** is the 20% darker color. If you saturate the color by 10%, you get **60.5636, 56.1739, 94.0379**, and if you desaturate by 10%, it is **82.8752, 85.9936, 98.6177**.

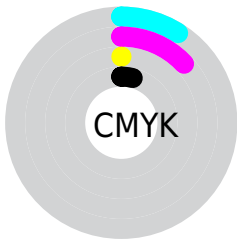
Distribution



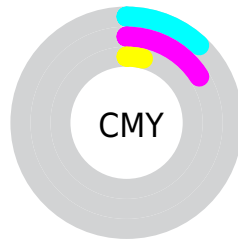
- Red (88%)
- Green (84%)
- Blue (96%)



- Red (88%)
- Yellow (84%)
- Blue (96%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0162, 70.0284, 96.1601 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 71.0162, 70.0284, 96.1601 by changing the saturation by 10% instead.

71.0162, 70.0284,
96.1601

71.0162, 70.0284,
96.1601

453.3210,
460.6497, 568.9512

52.6380, 51.5497,
72.4987

119.6752,
119.2493, 157.8757

37.7402, 36.6463,
53.0768

150.6867,
150.7602, 196.7670

25.9574, 24.9337,
37.4760

186.6400,
187.3840, 241.5719

16.9243, 16.0277,
25.2775

227.9004,
229.5050, 292.7091

10.2755, 9.5437,
16.0631

274.8334,
277.5077, 350.5971

5.6457, 5.0975,
9.4139

327.8043,

2.6694, 2.3046,

331.7765, 415.6545

4.9117

387.1784,
392.6957, 488.2996

■ 0.9815, 0.7761,
2.1377

■ 0.0000, 0.0000,
0.6381

■ 71.0162, 70.0284,
96.1601

■ 71.0162, 70.0284,
96.1601

■ 60.5636, 56.1739,
94.0379

■ 82.8752, 85.9936,
98.6177

■ 51.4565, 44.3313,
92.2321

■ 93.4816, 99.3727,
100.6411

■ 43.6386, 34.4070,
90.7285

■ 37.0470, 26.2962,
89.5104

■ 31.6131, 19.8841,
88.5591

■ 27.2609, 15.0420,
87.8539

■ 23.9039, 11.6221,
87.3707

■ 21.4396, 9.4462,
87.0806

■ 20.1563, 8.4870,
86.9631

Harmonies

Analogous

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



67.1266, 70.0284, 100.6400



71.0162, 70.0284, 96.1601



73.7945, 70.0284, 86.3493

Triad

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



71.0162, 70.0284, 96.1601



69.9990, 70.0284, 57.9375



59.1142, 70.0284, 77.8790

Complementary

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



71.0162, 70.0284, 96.1601



78.5968, 87.6032, 75.7208

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.



59.8143, 70.0284, 66.9687



71.0162, 70.0284, 96.1601



65.9964, 70.0284, 56.1564

Square

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



71.0162, 70.0284, 96.1601



73.1908, 70.0284, 64.4305



62.2940, 70.0284, 59.2957



60.3421, 70.0284, 89.4310

Rectangle

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



71.0162, 70.0284, 96.1601



74.5849, 70.0284, 78.5276



62.2940, 70.0284, 59.2957



59.1322, 70.0284, 74.0149

Sweetspot

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



71.0183, 70.0314, 96.1616



89.4618, 92.4162, 107.7307



73.4423, 79.7767, 97.9149



18.9297, 19.4848, 23.0132



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.



71.0183, 70.0314, 96.1616



74.2129, 71.9449, 104.5831



76.1000, 72.6511, 96.3995



16.1182, 16.2036, 20.8206



10.9919, 4.6408, 46.8545



1.0721, 0.4625, 4.1230

Inverse Universe

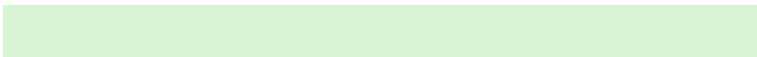
The Inverse Universe completely reimagines the original color for something new.



76.3041, 72.9446, 87.9032



81.2110, 75.8039, 93.5526



73.6783, 85.0676, 75.4906



16.9575, 16.6659, 19.5229



23.8096, 11.8673, 19.5036



2.1408, 1.0623, 1.9678

Previews

White Background



This preview shows how the XYZ color 71.0162, 70.0284, 96.1601 looks on a white background.

Color Contrast Check

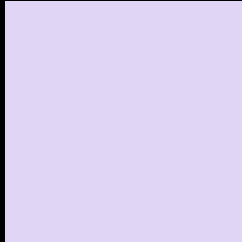
Large Text (above 18pt) WCAG AA × Fail

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 71.0162, 70.0284, 96.1601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

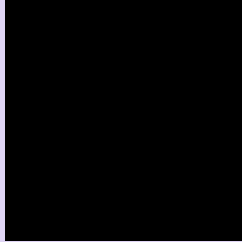
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0162, 70.0284, 96.1601

Background



This preview shows how black text looks on a background with the XYZ color 71.0162, 70.0284, 96.1601.



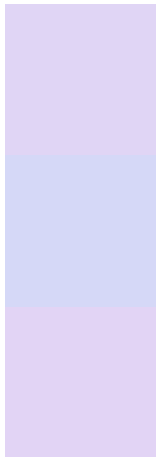
This preview shows how white text looks on a background with the XYZ color 71.0162, 70.0284,

96.1601.

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

71.0162, 70.0284, 96.1601

Protanopia

68.7849, 69.9733, 97.8765

Deuteranopia

71.3889, 69.8483, 96.1057



Tritanopia

68.9901, 69.9567, 86.2107

Trichromacy



Original Color

71.0162, 70.0284, 96.1601

Protanomaly

69.5503, 70.0064, 97.0357

Deuteranomaly

71.0763, 69.6871, 96.0910

Tritanomaly

69.7641, 69.8955, 89.9350

Monochromacy



Original Color

71.0162, 70.0284, 96.1601

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7745, 70.6550, 84.1417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0162, 70.0284, 96.1601 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(224, 213, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 245)  
}
```

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(224, 213, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 245) }
```

Border

The CSS property to change the border of an element to XYZ 71.0162, 70.0284, 96.1601 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(224, 213, 245) }
```


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

```
.border{ border-color:rgb(224, 213, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0162, 70.0284, 96.1601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 245) }
```

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

```
.background{ background-color: rgb(224,  
213, 245) }
```

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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