

Converting Colors

XYZ(71.8384, 73.2433, 91.9812)

Have a look what the booklet for
XYZ(71.8384, 73.2433, 91.9812)
contains.

XYZ(71.9137, 73.2657, 92.0128)	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(71.9137, 73.2657,
92.0128)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCEF
RGB	224, 220, 239
RGB Percent	88%, 86%, 94%
CMY	0.1216, 0.1372, 0.0627
CMYK	0.06, 0.08, 0.00, 0.06
HSL	253°, 37%, 90%
HSV	253°, 8%, 94%
XYZ	71.9137, 73.2657, 92.0128
YIQ	223.3620, -3.7150, 6.7570

Conversions

Conversions Part 2

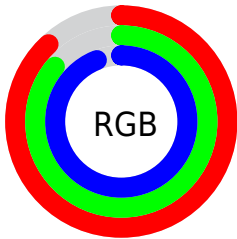
Format	Color
R _Y B	224, 220, 239
Decimal	14736623
CIE Lab	88.57, 4.86, -8.79
CIE LCh	89, 10.040, 298.951
Yxy	73.2657, 0.3032, 0.3089
Android (android.graphics.Color)	4292926703 (0xFFE0DCEF)
YUV	223.3620, 7.7095, 0.5595
Hunter-Lab	85.5954, 0.1764, -3.8184

Details

The XYZ color **71.9137, 73.2657, 92.0128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.0484, 84.5644, 79.9227**, and the grayscale version is **70.3472, 74.0108, 80.5977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3646, 38.7642, 50.2600** is the 20% darker color. If you saturate the color by 10%, you get **60.5567, 58.7570, 89.8120**, and if you desaturate by 10%, it is **84.8209, 89.9087, 94.5461**.

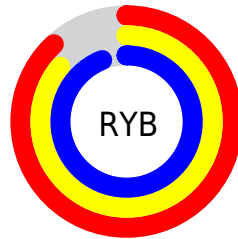
Distribution



Red (88%)

Green (86%)

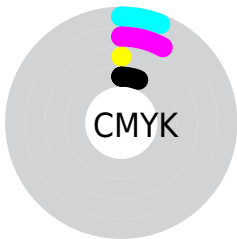
Blue (94%)



Red (88%)

Yellow (86%)

Blue (94%)

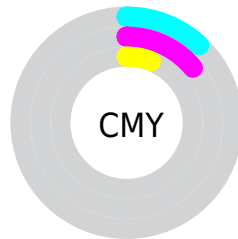


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9137, 73.2657, 92.0128 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 71.9137, 73.2657, 92.0128 by changing the saturation by 10% instead.

■ 71.9137, 73.2657,
92.0128

■ 71.9137, 73.2657,
92.0128

456.4035,
471.9352, 555.2950

■ 53.3734, 54.1932,
69.0682

120.9453,
123.8543, 152.0910

■ 38.3296, 38.7562,
50.2951

152.1673,
156.1393, 190.0616

■ 26.4170, 26.5701,
35.2751

188.3472,
193.5972, 233.8780

■ 17.2702, 17.2506,
23.5896

229.8505,
236.6125, 283.9587

■ 10.5238, 10.4133,
14.8201

277.0423,
285.5696, 340.7222

■ 5.8125, 5.6739,
8.5480

330.2882,

■ 2.7710, 2.6478,

340.8528, 404.5870

4.3548

389.9535,
402.8465, 475.9718

■ 1.0338, 0.9508,
1.8219

■ 0.0000, 0.0000,
0.4424

■ 71.9137, 73.2657,
92.0128

■ 71.9137, 73.2657,
92.0128

■ 60.5567, 58.7570,
89.8120

■ 84.8209, 89.9087,
94.5461

■ 50.6844, 46.2867,
87.9254

■ 92.5802, 99.0121,
95.8942

■ 42.2363, 35.7654,
86.3398

■ 35.1449, 27.0931,
85.0396

■ 29.3373, 20.1612,
84.0077

■ 24.7335, 14.8494,
83.2251

■ 21.2436, 11.0216,
82.6702

■ 18.7647, 8.5189,
82.3178

■ 17.1632, 7.1272,
82.1336

Harmonies

Analogous

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



69.5517, 73.2657, 93.8541



71.9137, 73.2657, 92.0128



73.7000, 73.2657, 86.8469

Triad

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



71.9137, 73.2657, 92.0128



72.0646, 73.2657, 68.8925



65.0871, 73.2657, 79.5301

Complementary

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



71.9137, 73.2657, 92.0128



78.0484, 84.5644, 79.9227

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.



65.7258, 73.2657, 73.0958



71.9137, 73.2657, 92.0128



69.7221, 73.2657, 67.1774

Square

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



71.9137, 73.2657, 92.0128



73.7886, 73.2657, 73.4953



67.4086, 73.2657, 68.6714



65.6439, 73.2657, 86.4003

Rectangle

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



71.9137, 73.2657, 92.0128



74.3045, 73.2657, 82.3554



67.4086, 73.2657, 68.6714



65.1689, 73.2657, 77.2469

Sweetspot

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



71.9158, 73.2688, 92.0144



91.9785, 96.0333, 108.2962



74.8632, 80.9810, 93.3477



19.7194, 20.5966, 23.1862



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.



71.9158, 73.2688, 92.0144



80.4243, 81.1750, 106.0373



74.8779, 74.7958, 92.1530



15.2080, 15.3889, 19.8904



9.4326, 3.8681, 45.3773



0.8651, 0.3633, 3.7787

Inverse Universe

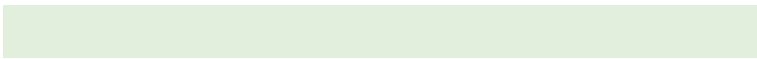
The Inverse Universe completely reimagines the original color for something new.



76.1877, 75.5385, 89.1656



86.5960, 84.4550, 101.8799



75.0572, 83.0224, 79.7827



16.3035, 15.9711, 19.1545



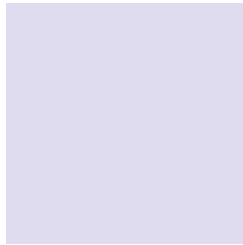
24.7800, 12.1844, 27.8219



2.0967, 1.0277, 2.5001

Previews

White Background



This preview shows how the XYZ color 71.9137, 73.2657, 92.0128 looks on a white background.

Color Contrast Check

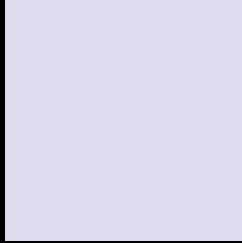
Large Text (above 18pt) WCAG AA × Fail

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 71.9137, 73.2657, 92.0128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

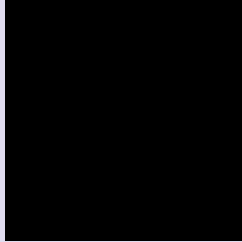
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9137, 73.2657, 92.0128

Background



This preview shows how black text looks on a background with the XYZ color 71.9137, 73.2657, 92.0128.



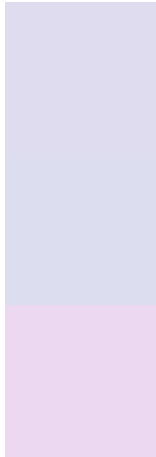
This preview shows how white text looks on a background with the XYZ color 71.9137, 73.2657,

92.0128.

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

71.9137, 73.2657, 92.0128

Protanopia

71.4034, 73.3763, 92.8378

Deuteranopia

74.8761, 73.2359, 92.6276



Tritanopia

71.7663, 73.2067, 91.2367

Trichromacy



Original Color

71.9137, 73.2657, 92.0128

Protanomaly

71.7088, 73.5338, 92.8521

Deuteranomaly

73.8197, 73.0728, 92.6518

Tritanomaly

71.7663, 73.2067, 91.2367

Monochromacy



Original Color

71.9137, 73.2657, 92.0128

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6956, 73.5877, 84.6065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9137, 73.2657, 92.0128 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, 220, 239) looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 239)  
}
```

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, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 71.9137, 73.2657, 92.0128 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, 220, 239) }
```


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

```
.border{ border-color:rgb(224, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 220, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 220, 239); box-shadow:4px 4px 4px 4px rgb(224, 220, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9137, 73.2657, 92.0128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 239) }
```

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

```
.background{ background-color: rgb(224,  
220, 239) }
```

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