

Converting Colors

XYZ(71.7269, 74.5706, 92.1018)

Have a look what the booklet for
XYZ(71.7269, 74.5706, 92.1018)
contains.

XYZ(71.7508, 74.7589, 92.3096)	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(71.7508, 74.7589,
92.3096)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE0EF
RGB	220, 224, 239
RGB Percent	86%, 88%, 94%
CMY	0.1372, 0.1215, 0.0627
CMYK	0.08, 0.06, 0.00, 0.06
HSL	227°, 37%, 90%
HSV	227°, 8%, 94%
XYZ	71.7508, 74.7589, 92.3096
YIQ	224.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

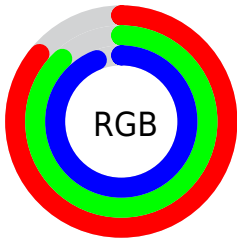
Format	Color
R _Y B	220, 223, 239
Decimal	14475503
CIE Lab	89.28, 1.47, -7.77
CIE LCh	89, 7.911, 280.740
Yxy	74.7589, 0.3004, 0.3130
Android (android.graphics.Color)	4292665583 (0xFFDCE0EF)
YUV	224.5140, 7.1416, -3.9588
Hunter-Lab	86.4632, -3.1839, -2.7747

Details

The XYZ color **71.7508, 74.7589, 92.3096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.2235, 82.9340, 79.5965**, and the grayscale version is **71.1752, 74.8819, 81.5464**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2523, 39.7942, 50.4647** is the 20% darker color. If you saturate the color by 10%, you get **60.2366, 61.7115, 90.3992**, and if you desaturate by 10%, it is **84.8660, 89.4707, 94.4592**.

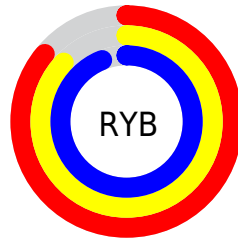
Distribution



Red (86%)

Green (88%)

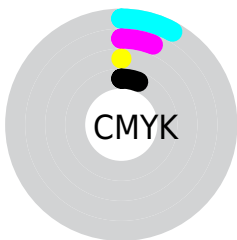
Blue (94%)



Red (86%)

Yellow (87%)

Blue (94%)

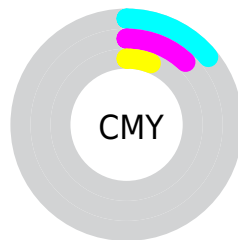


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7508, 74.7589, 92.3096 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 71.7508, 74.7589, 92.3096 by changing the saturation by 10% instead.

■ 71.7508, 74.7589,
92.3096

■ 71.7508, 74.7589,
92.3096

455.8449,
477.0885, 556.2784

■ 53.2399, 55.4154,
69.3133

120.7149,
125.9710, 152.5058

■ 38.2225, 39.7344,
50.4936

151.8988,
158.6084, 190.5429

■ 26.3334, 27.3315,
35.4318

188.0376,
196.4459, 234.4306

■ 17.2072, 17.8224,
23.7095

229.4969,
239.8679, 284.5876

■ 10.4786, 10.8225,
14.9081

276.6419,
289.2587, 341.4323

■ 5.7821, 5.9476,
8.6090

329.8380,

■ 2.7524, 2.8133,

345.0028, 405.3833

4.3937

389.4505,
407.4846, 476.8592

■ 1.0242, 1.0350,
1.8437

■ 0.0000, 0.0000,
0.4566

■ 71.7508, 74.7589,
92.3096

■ 71.7508, 74.7589,
92.3096

■ 60.2366, 61.7115,
90.3992

■ 84.8660, 89.4707,
94.4592

■ 50.2549, 50.2599,
88.7149

■ 92.5802, 99.0121,
95.8943

■ 41.7419, 40.3448,
87.2498

■ 34.6265, 31.8992,
85.9947

■ 28.8319, 24.8512,
84.9397

■ 24.2734, 19.1227,
84.0742

■ 20.8559, 14.6273,
83.3866

■ 18.4698, 11.2673,
82.8639

■ 16.9713, 8.9231,
82.4904

Harmonies

Analogous

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



69.8374, 74.7589, 91.8653



71.7508, 74.7589, 92.3096



73.5089, 74.7589, 89.7323

Triad

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



71.7508, 74.7589, 92.3096



73.9090, 74.7589, 74.6500



67.6055, 74.7589, 77.9395

Complementary

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



71.7508, 74.7589, 92.3096



78.2235, 82.9340, 79.5965

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.



68.6585, 74.7589, 73.5996



71.7508, 74.7589, 92.3096



72.2889, 74.7589, 71.7608

Square

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



71.7508, 74.7589, 92.3096



74.7698, 74.7589, 79.4327



70.3659, 74.7589, 71.3852



67.4674, 74.7589, 83.3990

Rectangle

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



71.7508, 74.7589, 92.3096



74.3475, 74.7589, 86.7130



70.3659, 74.7589, 71.3852



67.8633, 74.7589, 76.3081

Sweetspot

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



71.7530, 74.7621, 92.3113



91.9278, 96.5040, 108.3898



75.3615, 82.9413, 90.5474



19.7090, 20.6925, 23.2052



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.



71.7530, 74.7621, 92.3113



80.1948, 83.3043, 106.4604



72.3454, 73.4890, 92.0343



15.1671, 15.7684, 19.9658



9.3251, 4.8744, 45.5772



0.8456, 0.5451, 3.8149

Inverse Universe

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



74.6460, 74.9204, 81.0514



84.3749, 83.5665, 90.1839



77.5919, 84.3292, 79.8990



15.9090, 15.8133, 17.0773



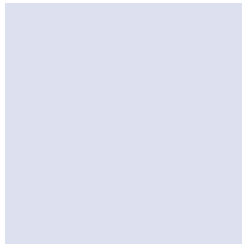
20.0325, 10.2854, 2.8216



1.7017, 0.8697, 0.4203

Previews

White Background



This preview shows how the XYZ color 71.7508, 74.7589, 92.3096 looks on a white background.

Color Contrast Check

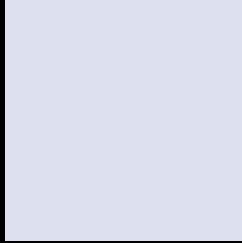
Large Text (above 18pt) WCAG AA × Fail

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 71.7508, 74.7589, 92.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

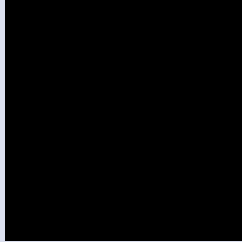
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7508, 74.7589, 92.3096

Background



This preview shows how black text looks on a background with the XYZ color 71.7508, 74.7589, 92.3096.

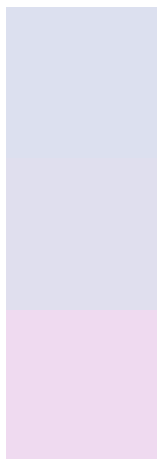


This preview shows how white text looks on a background with the XYZ color 71.7508, 74.7589,

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

71.7508, 74.7589, 92.3096

Protanopia

72.5608, 74.7957, 91.5016

Deuteranopia

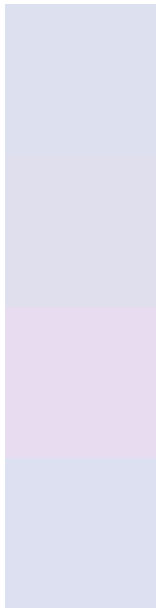
76.3962, 74.7848, 92.8465



Tritanopia

72.0480, 74.8778, 93.8746

Trichromacy



Original Color

71.7508, 74.7589, 92.3096

Protanomaly

72.2517, 74.6364, 91.4871

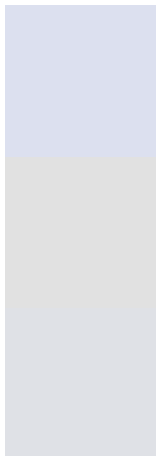
Deuteranomaly

74.6001, 74.6335, 92.9119

Tritanomaly

71.8990, 74.8182, 93.0900

Monochromacy



Original Color

71.7508, 74.7589, 92.3096

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.6396, 75.2516, 85.6121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7508, 74.7589, 92.3096 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(220, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(220, 224, 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(220, 224, 239) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 71.7508, 74.7589, 92.3096 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(220, 224, 239) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 71.7508, 74.7589, 92.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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