

Converting Colors

XYZ(73.2769, 73.8110, 99.1918)

Have a look what the booklet for
XYZ(73.2769, 73.8110, 99.1918)
contains.

XYZ(73.2769, 73.8110, 99.1918)	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(73.2769, 73.8110,
99.1918)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCF8
RGB	224, 220, 248
RGB Percent	88%, 86%, 97%
CMY	0.1216, 0.1372, 0.0274
CMYK	0.10, 0.11, 0.00, 0.03
HSL	249°, 67%, 92%
HSV	249°, 11%, 97%
XYZ	73.2769, 73.8110, 99.1918
YIQ	224.3880, -6.6040, 9.5560

Conversions

Conversions Part 2

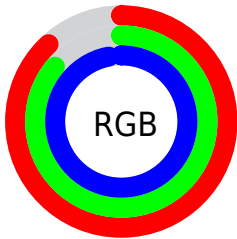
Format	Color
R _Y B	224, 220, 248
Decimal	14736632
CIE Lab	88.83, 6.61, -13.13
CIE LCh	89, 14.702, 296.698
Yxy	73.8110, 0.2975, 0.2997
Android (android.graphics.Color)	4292926712 (0xFFE0DCF8)
YUV	224.3880, 11.6407, -0.3403
Hunter-Lab	85.9133, 1.8973, -8.3143

Details

The XYZ color **73.2769, 73.8110, 99.1918** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7967, 91.5372, 80.9656**, and the grayscale version is **71.0536, 74.7539, 81.4070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3317, 39.1511, 55.3531** is the 20% darker color. If you saturate the color by 10%, you get **61.0630, 58.5599, 96.8929**, and if you desaturate by 10%, it is **87.2846, 91.4240, 101.8543**.

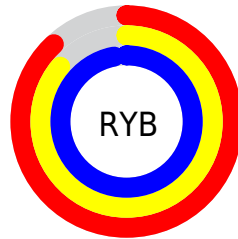
Distribution



Red (88%)

Green (86%)

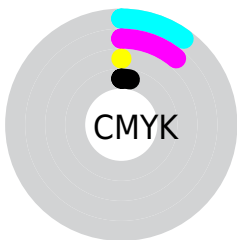
Blue (97%)



Red (88%)

Yellow (86%)

Blue (97%)

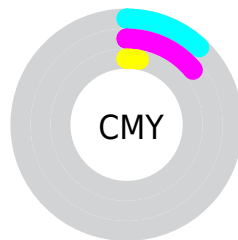


Cyan (10%)

Magenta (11%)

Yellow (0%)

Black (3%)



Cyan (12%)

Magenta (14%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2769, 73.8110, 99.1918 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 73.2769, 73.8110, 99.1918 by changing the saturation by 10% instead.

73.2769, 73.8110,
99.1918

73.2769, 73.8110,
99.1918

461.0629,
473.8208, 578.8229

54.4916, 54.6394,
75.0126

122.8712,
124.6279, 162.0883

39.2271, 39.1131,
55.1214

154.4110,
157.0419, 201.6426

27.1179, 26.8477,
39.0997

190.9329,
194.6388, 247.1592

17.7989, 17.4589,
26.5289

232.8024,
237.8030, 299.0564

10.9045, 10.5622,
16.9904

280.3848,
286.9189, 357.7528

6.0695, 5.7733,
10.0658

334.0454,

2.9284, 2.7077,

342.3709, 423.6670

5.3364

394.1497,
404.5434, 497.2175

■ 1.1160, 0.9811,
2.3838

■ 0.0385, 0.0000,
0.7776

■ 73.2769, 73.8110,
99.1918

■ 73.2769, 73.8110,
99.1918

■ 61.0630, 58.5599,
96.8929

■ 87.2846, 91.4240,
101.8543

■ 50.5636, 45.5611,
94.9373

■ 93.9435, 99.5574,
103.0733

■ 41.7033, 34.7101,
93.3098

■ 34.3984, 25.8905,
91.9925

■ 28.5578, 18.9748,
90.9654

■ 24.0804, 13.8208,
90.2066

■ 20.8524, 10.2664,
89.6907

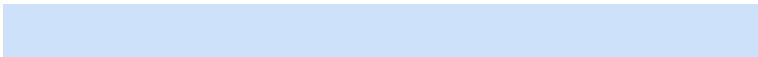
■ 18.7401, 8.1184,
89.3874

■ 17.6504, 7.1418,
89.2563

Harmonies

Analogous

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



69.7615, 73.8110, 101.5790



73.2769, 73.8110, 99.1918



76.0353, 73.8110, 91.6231

Triad

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



73.2769, 73.8110, 99.1918



73.9824, 73.8110, 65.0660



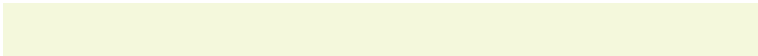
63.5386, 73.8110, 79.2434

Complementary

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



73.2769, 73.8110, 99.1918



83.7967, 91.5372, 80.9656

Split Complementary

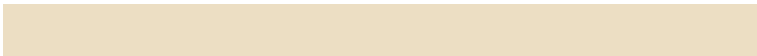
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.5862, 73.8110, 70.0739



73.2769, 73.8110, 99.1918



70.5503, 73.8110, 62.3360

Square

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



73.2769, 73.8110, 99.1918



76.4522, 73.8110, 71.8747



67.1233, 73.8110, 64.0897



64.2137, 73.8110, 89.5046

Rectangle

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



73.2769, 73.8110, 99.1918



77.0323, 73.8110, 84.9647



67.1233, 73.8110, 64.0897



63.7000, 73.8110, 75.9394

Sweetspot

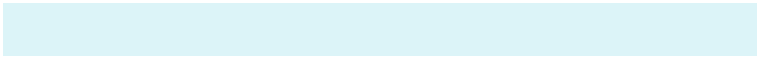
The Sweet Spot groups the original color and five complimentary colors.



73.2791, 73.8141, 99.1934



90.2862, 93.9932, 107.9916



78.8918, 86.8570, 101.4151



19.0589, 19.7833, 23.0640



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.



73.2791, 73.8141, 99.1934



74.3234, 73.9504, 104.9643



77.7094, 76.0980, 99.4008



16.5135, 16.7618, 21.7503



9.6031, 3.8933, 48.2189



0.9571, 0.3955, 4.4691

Inverse Universe

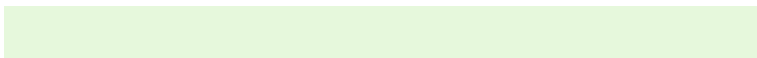
The Inverse Universe completely reimagines the original color for something new.



80.6363, 77.6778, 96.3350



83.8901, 78.9758, 101.1856



79.2068, 89.1711, 80.7508



17.8802, 17.4794, 21.2250



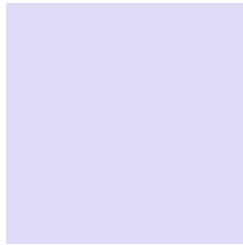
27.4123, 13.3807, 35.2093



2.5671, 1.2506, 3.4099

Previews

White Background



This preview shows how the XYZ color 73.2769, 73.8110, 99.1918 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 73.2769, 73.8110, 99.1918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

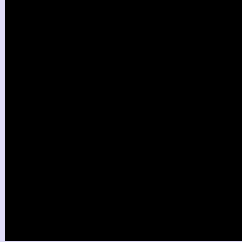
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2769, 73.8110, 99.1918

Background



This preview shows how black text looks on a background with the XYZ color 73.2769, 73.8110, 99.1918.

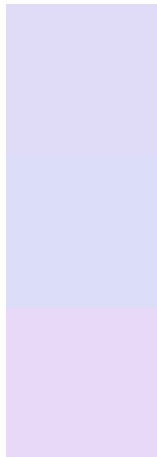


This preview shows how white text looks on a background with the XYZ color 73.2769, 73.8110,

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

73.2769, 73.8110, 99.1918

Protanopia

72.1688, 73.6125, 100.0275

Deuteranopia

75.5160, 73.7889, 99.8851



Tritanopia

72.1327, 74.1625, 92.1744

Trichromacy



Original Color

73.2769, 73.8110, 99.1918

Protanomaly

72.7741, 73.9246, 100.0558

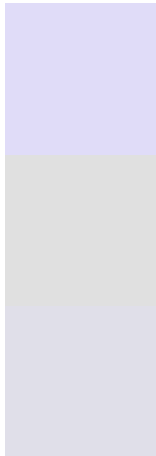
Deuteranomaly

74.8034, 73.8054, 99.9258

Tritanomaly

72.3149, 73.8117, 94.4401

Monochromacy



Original Color

73.2769, 73.8110, 99.1918

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8361, 74.5058, 87.6857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2769, 73.8110, 99.1918 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 248) }
```

Border

The CSS property to change the border of an element to XYZ 73.2769, 73.8110, 99.1918 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, 248) }
```


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

```
.border{ border-color:rgb(224, 220, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 248);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2769, 73.8110, 99.1918 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, 248) }
```

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

```
.background{ background-color: rgb(224,  
220, 248) }
```

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