

Converting Colors

XYZ(69.3443, 72.2018, 80.0937)

Have a look what the booklet for
XYZ(69.3443, 72.2018, 80.0937)
contains.

XYZ(69.3439, 72.2021, 80.0936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(69.3439, 72.2021,
80.0936)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDCDF
RGB	223, 220, 223
RGB Percent	87%, 86%, 87%
CMY	0.1255, 0.1372, 0.1255
CMYK	0.00, 0.01, 0.00, 0.13
HSL	300°, 4%, 87%
HSV	300°, 1%, 87%
XYZ	69.3439, 72.2021, 80.0936
YIQ	221.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

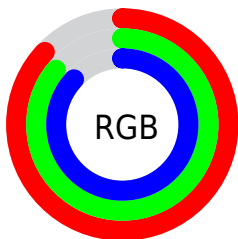
Format	Color
R _Y B	223, 220, 223
Decimal	14671071
CIE Lab	88.07, 1.56, -1.12
CIE LCh	88, 1.918, 324.370
Yxy	72.2021, 0.3129, 0.3258
Android (android.graphics.Color)	4292861151 (0xFFDFDCDF)
YUV	221.2390, 0.8682, 1.5444
Hunter-Lab	84.9718, -3.0302, 3.5941

Details

The XYZ color **69.3439, 72.2021, 80.0936** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8239, 73.1602, 78.2078**, and the grayscale version is **68.8906, 72.4782, 78.9288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6715, 38.0623, 42.4597** is the 20% darker color. If you saturate the color by 10%, you get **63.8779, 61.2694, 78.2726**, and if you desaturate by 10%, it is **75.5947, 84.7024, 82.1780**.

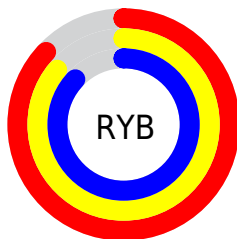
Distribution



Red (87%)

Green (86%)

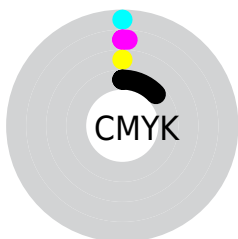
Blue (87%)



Red (87%)

Yellow (86%)

Blue (87%)

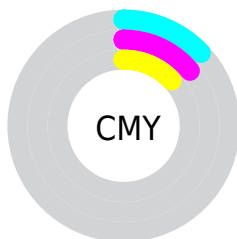


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3439, 72.2021, 80.0936 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 69.3439, 72.2021, 80.0936 by changing the saturation by 10% instead.

■ 69.3439, 72.2021,
80.0936

■ 69.3439, 72.2021,
80.0936

447.5454,
468.2447, 514.9633

■ 51.2695, 53.3238,
59.2688

117.3040,
122.3438, 135.3099

■ 36.6450, 38.0613,
42.4081

147.9204,
154.3760, 170.5385

■ 25.1052, 26.0303,
29.0930

183.4482,
191.5616, 211.4053

■ 16.2846, 16.8463,
18.9050

224.2528,
234.2850, 258.3290

■ 9.8179, 10.1250,
11.4255

270.6994,
282.9307, 311.7282

■ 5.3397, 5.4819,
6.2361

323.1535,

■ 2.4847, 2.5327,

337.8829, 372.0212

2.9180

381.9803,
399.5261, 439.6267

■ 0.8876, 0.8929,
1.0529

■ 0.0000, 0.0000,
0.0000

■ 69.3439, 72.2021,
80.0936

■ 69.3439, 72.2021,
80.0936

■ 63.8779, 61.2694,
78.2726

■ 75.5947, 84.7024,
82.1780

■ 59.1599, 51.8337,
76.6999

■ 79.5117, 92.5362,
83.4837

■ 55.1592, 43.8325,
75.3664

■ 79.5119, 92.5363,
83.4837

■ 51.8408, 37.1958,
74.2603

■ 79.5120, 92.5364,
83.4837

49.1664, 31.8474,
73.3689

79.5122, 92.5364,
83.4837

47.0944, 27.7037,
72.6783

79.5124, 92.5365,
83.4837

45.5781, 24.6714,
72.1729

79.5126, 92.5366,
83.4837

44.5639, 22.6433,
71.8349

79.5127, 92.5367,
83.4837

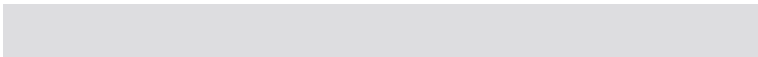
43.9878, 21.4913,
71.6429

79.5129, 92.5368,
83.4837

Harmonies

Analogous

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



68.9898, 72.2021, 80.9347



69.3439, 72.2021, 80.0936



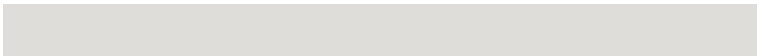
69.5057, 72.2021, 78.8634

Triad

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



69.3439, 72.2021, 80.0936



68.7123, 72.2021, 76.1335



67.8272, 72.2021, 79.6607

Complementary

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



69.3439, 72.2021, 80.0936



68.8239, 73.1602, 78.2078

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.



67.7536, 72.2021, 78.3687



69.3439, 72.2021, 80.0936



68.2633, 72.2021, 76.3417

Square

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



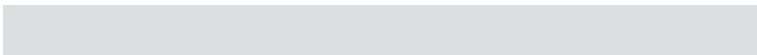
69.3439, 72.2021, 80.0936



69.1400, 72.2021, 76.5845



67.9129, 72.2021, 77.1563



68.1144, 72.2021, 80.6827

Rectangle

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



69.3439, 72.2021, 80.0936



69.4822, 72.2021, 77.9918



67.9129, 72.2021, 77.1563



67.7767, 72.2021, 79.2431

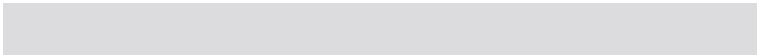
Sweetspot

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



69.3460, 72.2052, 80.0952

95.0500, 100.0000, 108.9000



68.4440, 71.7597, 80.0567



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3460, 72.2052, 80.0952



93.4445, 96.7891, 108.3648



69.1515, 72.1274, 79.0711



15.2145, 15.7746, 17.6306



25.7237, 12.3564, 42.0776



1.7830, 0.8565, 2.9166

Inverse Universe

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



68.9455, 72.0450, 77.9862



92.6342, 96.4649, 104.0976



69.0166, 73.2373, 79.2225



15.0908, 15.7251, 16.9792



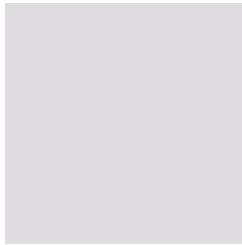
17.8932, 9.2243, 0.8375



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 69.3439, 72.2021, 80.0936 looks on a white background.

Color Contrast Check

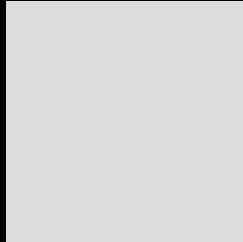
Large Text (above 18pt) WCAG AA × Fail

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 69.3439, 72.2021, 80.0936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

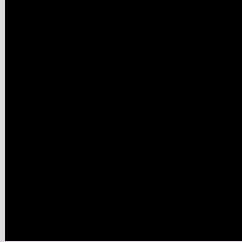
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

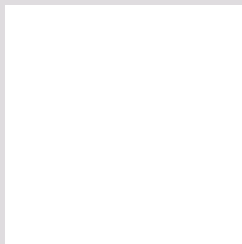
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3439, 72.2021, 80.0936

Background



This preview shows how black text looks on a background with the XYZ color 69.3439, 72.2021, 80.0936.

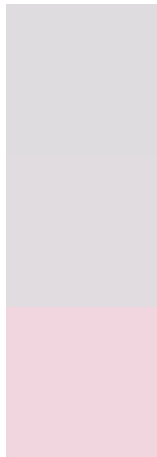


This preview shows how white text looks on a background with the XYZ color 69.3439, 72.2021,

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

69.3439, 72.2021, 80.0936

Protanopia

69.6530, 72.3614, 80.1081

Deuteranopia

73.7767, 72.1757, 80.5639



Tritanopia

71.1181, 72.1485, 88.7750

Trichromacy



Original Color

69.3439, 72.2021, 80.0936

Protanomaly

69.6530, 72.3614, 80.1081

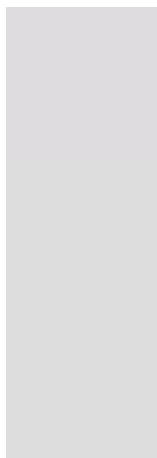
Deuteranomaly

71.9421, 71.9860, 80.6239

Tritanomaly

70.4958, 72.2799, 85.8372

Monochromacy



Original Color

69.3439, 72.2021, 80.0936

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1655, 72.5164, 79.4589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3439, 72.2021, 80.0936 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, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 223)  
}
```

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, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.3439, 72.2021, 80.0936 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, 220, 223) }
```

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

```
.border{ border-color:rgb(223, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 69.3439, 72.2021, 80.0936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 223) }
```

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

```
.background{ background-color: rgb(223,  
220, 223) }
```

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