

Converting Colors

XYZ(73.6117, 73.5697, 89.0182)

Have a look what the booklet for
XYZ(73.6117, 73.5697, 89.0182)
contains.

| | |
|--|----|
| XYZ(73.3455, 73.2968, 88.8792) | 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(73.3455, 73.2968,
88.8792)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8DAEB |
| RGB | 232, 218, 235 |
| RGB Percent | 91%, 85%, 92% |
| CMY | 0.0902, 0.1451, 0.0784 |
| CMYK | 0.01, 0.07, 0.00, 0.08 |
| HSL | 289°, 30%, 89% |
| HSV | 289°, 7%, 92% |
| XYZ | 73.3455, 73.2968, 88.8792 |
| YIQ | 224.1240, 2.8870, 8.2550 |

Conversions

Conversions Part 2

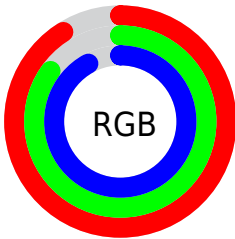
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 232, 218, 235 |
| Decimal | 15260395 |
| CIE Lab | 88.59, 7.80, -6.59 |
| CIE LCh | 89, 10.210, 319.813 |
| Yxy | 73.2968, 0.3114, 0.3112 |
| Android (android.graphics.Color) | 4293450475 (0xFFE8DAEB) |
| YUV | 224.1240, 5.3619, 6.9073 |
| Hunter-Lab | 85.6136, 3.0980, -1.6221 |

Details

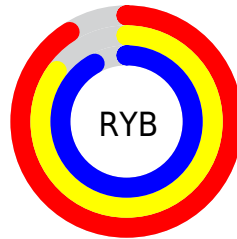
The XYZ color **73.3455, 73.2968, 88.8792** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1848, 79.8527, 77.9420**, and the grayscale version is **70.9034, 74.5959, 81.2350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1384, 38.6792, 48.0508** is the 20% darker color. If you saturate the color by 10%, you get **66.3485, 61.2772, 86.9291**, and if you desaturate by 10%, it is **81.2425, 87.0671, 91.1220**.

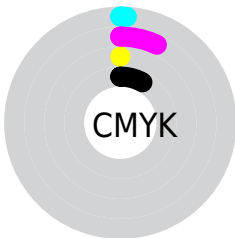
Distribution



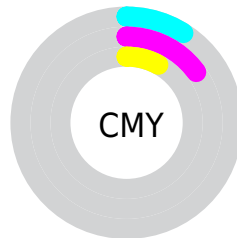
- Red (91%)
- Green (85%)
- Blue (92%)



- Red (91%)
- Yellow (85%)
- Blue (92%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3455, 73.2968, 88.8792 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 73.3455, 73.2968, 88.8792 by changing the saturation by 10% instead.

73.3455, 73.2968,
88.8792

73.3455, 73.2968,
88.8792

461.2967,
472.0428, 544.8539

54.5479, 54.2187,
66.4830

122.9681,
123.8985, 147.7025

39.2723, 38.7765,
48.2056

154.5237,
156.1908, 184.9666

27.1533, 26.5859,
33.6286

191.0628,
193.6567, 228.0237

17.8256, 17.2625,
22.3334

232.9506,
236.6805, 277.2924

10.9238, 10.4218,
13.9014

280.5526,
285.6466, 333.1913

6.0825, 5.6795,
7.9142

334.2340,

2.9364, 2.6512,

340.9394, 396.1388

3.9531

394.3602,
402.9434, 466.5535

■ 1.1202, 0.9525,
1.5996

■ 0.0420, 0.0000,
0.2906

■ 73.3455, 73.2968,
88.8792

■ 73.3455, 73.2968,
88.8792

■ 66.3485, 61.2772,
86.9291

■ 81.2425, 87.0671,
91.1220

■ 60.2088, 50.9263,
85.2547

■ 86.7918, 96.0956,
92.5722

■ 54.8895, 42.1698,
83.8449

■ 88.2185, 96.8311,
92.6390

■ 50.3487, 34.9240,
82.6857

■ 89.6777, 97.5833,
92.7073

■ 46.5404, 29.0973,
81.7617

■ 91.1694, 98.3523,
92.7771

■ 43.4138, 24.5885,
81.0562

■ 91.9956, 98.7782,
92.8157

■ 40.9112, 21.2824,
80.5500

■ 38.9649, 19.0443,
80.2206

■ 37.4867, 17.6976,
80.0385

Harmonies

Analogous

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



71.2832, 73.2968, 93.2534



73.3455, 73.2968, 88.8792



74.4300, 73.2968, 82.2296

Triad

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



73.3455, 73.2968, 88.8792



70.5070, 73.2968, 67.1946



65.3073, 73.2968, 84.4915

Complementary

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



73.3455, 73.2968, 88.8792



72.1848, 79.8527, 77.9420

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.



65.1105, 73.2968, 77.4340



73.3455, 73.2968, 88.8792



68.0743, 73.2968, 67.7210

Square

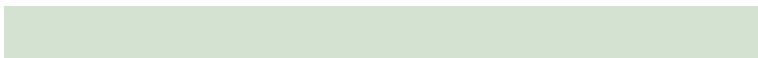
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3455, 73.2968, 88.8792



72.7658, 73.2968, 69.8929



66.1125, 73.2968, 71.3756



66.6563, 73.2968, 90.6186

Rectangle

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



73.3455, 73.2968, 88.8792



74.4356, 73.2968, 77.5196



66.1125, 73.2968, 71.3756



65.1054, 73.2968, 82.1405

Sweetspot

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



73.3476, 73.3000, 88.8808



93.1141, 96.6187, 108.3494



69.7992, 72.6815, 88.9485



19.9506, 20.7158, 23.1970



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.



73.3476, 73.3000, 88.8808



86.6860, 85.4612, 106.5346



73.5638, 73.4999, 84.8926



15.4388, 15.1715, 19.0369



20.7571, 9.7366, 44.5283



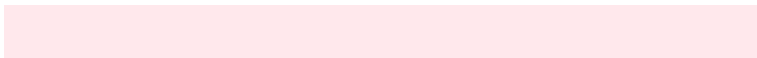
1.6983, 0.7998, 3.4997

Inverse Universe

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



72.3861, 73.0288, 78.6912



85.2657, 85.0634, 91.3586



71.9954, 79.6724, 81.6700



15.1740, 15.0975, 16.2016



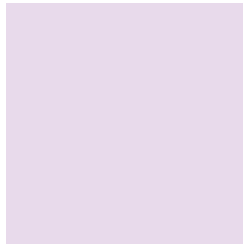
19.3279, 9.9339, 2.2621



1.5491, 0.7926, 0.3428

Previews

White Background



This preview shows how the XYZ color 73.3455, 73.2968, 88.8792 looks on a white background.

Color Contrast Check

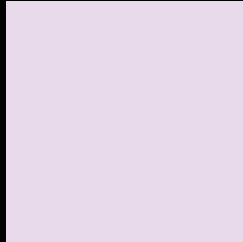
Large Text (above 18pt) WCAG AA × Fail

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 73.3455, 73.2968, 88.8792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

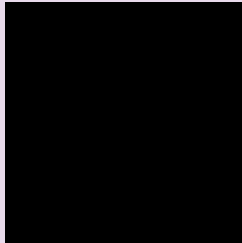
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3455, 73.2968, 88.8792

Background



This preview shows how black text looks on a background with the XYZ color 73.3455, 73.2968, 88.8792.



This preview shows how white text looks on a background with the XYZ color 73.3455, 73.2968,

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

73.3455, 73.2968, 88.8792

Protanopia

71.2667, 73.3569, 90.5239

Deuteranopia

74.8112, 73.2870, 88.8001



Tritanopia

73.3455, 73.2968, 88.8792

Trichromacy



Original Color

73.3455, 73.2968, 88.8792

Protanomaly

72.0976, 73.4113, 89.7267

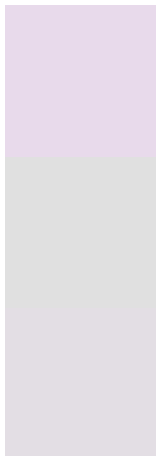
Deuteranomaly

74.4003, 73.4567, 88.8545

Tritanomaly

73.3455, 73.2968, 88.8792

Monochromacy



Original Color

73.3455, 73.2968, 88.8792

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8034, 74.1749, 83.9315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3455, 73.2968, 88.8792 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(232, 218, 235) looks like.

```
.text, #text, p{  
    color:rgb(232, 218, 235)  
}
```

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(232, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 218, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.3455, 73.2968, 88.8792 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(232, 218, 235) }
```


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

```
.border{ border-color:rgb(232, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 218,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3455, 73.2968, 88.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 218, 235) }
```

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

```
.background{ background-color: rgb(232,  
218, 235) }
```

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