

Converting Colors

XYZ(73.2984, 75.2875, 82.3543)

Have a look what the booklet for
XYZ(73.2984, 75.2875, 82.3543)
contains.

XYZ(73.3939, 75.4221, 82.6412)	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(73.3939, 75.4221,
82.6412)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DFE2
RGB	232, 223, 226
RGB Percent	91%, 87%, 89%
CMY	0.0902, 0.1255, 0.1137
CMYK	0.00, 0.04, 0.03, 0.09
HSL	340°, 16%, 89%
HSV	340°, 4%, 91%
XYZ	73.3939, 75.4221, 82.6412
YIQ	226.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

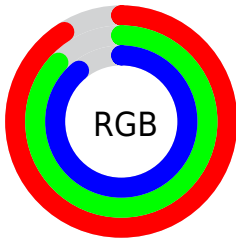
Format	Color
R_{YB}	232, 223, 226
Decimal	15261666
CIE _{Lab}	89.59, 3.59, -0.38
CIE _{LCh}	90, 3.606, 353.903
Yxy	75.4221, 0.3171, 0.3259
Android (android.graphics.Color)	4293451746 (0xFFE8DFE2)
YUV	226.0330, -0.0163, 5.2331
Hunter-Lab	86.8459, -1.1291, 4.3727

Details

The XYZ color **73.3939, 75.4221, 82.6412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4338, 79.0604, 85.5225**, and the grayscale version is **72.3123, 76.0782, 82.8491**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2578, 40.1756, 44.2136** is the 20% darker color. If you saturate the color by 10%, you get **65.5872, 63.0540, 70.0323**, and if you desaturate by 10%, it is **82.2458, 89.5720, 96.5457**.

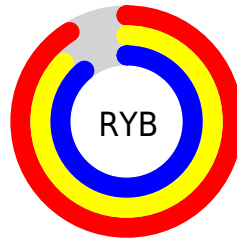
Distribution



Red (91%)

Green (87%)

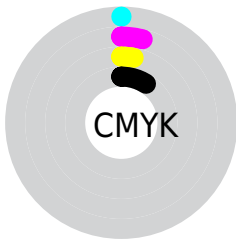
Blue (89%)



Red (91%)

Yellow (87%)

Blue (89%)

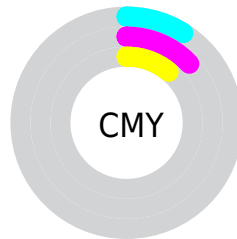


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3939, 75.4221, 82.6412 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 73.3939, 75.4221, 82.6412 by changing the saturation by 10% instead.

73.3939, 75.4221,
82.6412

73.3939, 75.4221,
82.6412

461.4616,
479.3671, 523.7296

54.5876, 55.9588,
61.3553

123.0364,
126.9097, 138.9176

39.3042, 40.1699,
44.0796

154.6033,
159.7027, 174.7451

27.1782, 27.6710,
30.3954

191.1544,
197.7078, 216.2569

17.8444, 18.0778,
19.8843

233.0552,
241.3092, 263.8716

10.9374, 11.0059,
12.1277

280.6710,
290.8915, 318.0077

6.0917, 6.0708,
6.7071

334.3670,

2.9421, 2.8882,

346.8390, 379.0837

3.2040

394.5088,
409.5361, 447.5181

■ 1.1232, 1.0736,
1.1997

■ 0.0444, 0.0000,
0.0000

■ 73.3939, 75.4221,
82.6412

■ 73.3939, 75.4221,
82.6412

■ 65.5872, 63.0540,
70.0323

■ 82.2458, 89.5720,
96.5457

■ 58.7800, 52.3872,
58.6762

■ 87.0892, 95.8961,
108.5274

■ 52.9325, 43.3496,
48.5345

■ 47.9998, 35.8601,
39.5653

■ 43.9332, 29.8307,
31.7238

■ 40.6793, 25.1643,
24.9623

■ 38.1785, 21.7521,
19.2292

■ 36.3625, 19.4681,
14.4678

■ 35.1488, 18.1596,
10.6144

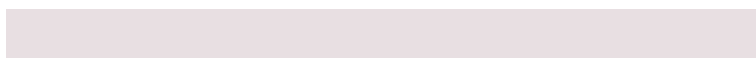
Harmonies

Analogous

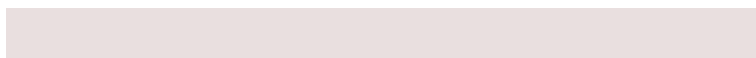
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0719, 75.4221, 85.0302



73.3939, 75.4221, 82.6412



73.2553, 75.4221, 80.1606

Triad

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



73.3939, 75.4221, 82.6412



70.9983, 75.4221, 77.7413



70.6874, 75.4221, 86.1278

Complementary

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



73.3939, 75.4221, 82.6412



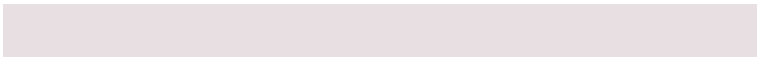
73.4338, 79.0604, 85.5225

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.



70.1401, 75.4221, 84.1148



73.3939, 75.4221, 82.6412



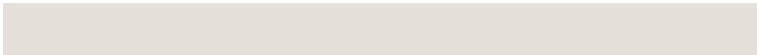
70.3186, 75.4221, 79.2806

Square

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



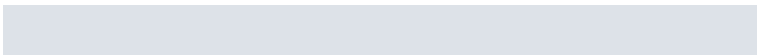
73.3939, 75.4221, 82.6412



71.8676, 75.4221, 77.3651



70.0057, 75.4221, 81.6047



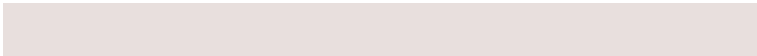
71.5056, 75.4221, 87.0697

Rectangle

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



73.3939, 75.4221, 82.6412



72.9210, 75.4221, 78.7846



70.0057, 75.4221, 81.6047



70.4659, 75.4221, 85.5520

Sweetspot

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



73.3960, 75.4254, 82.6428



93.9692, 98.2747, 107.1949



73.2688, 75.2630, 87.0107



20.1247, 21.0530, 22.9621



0.0000, 0.0000, 0.0000



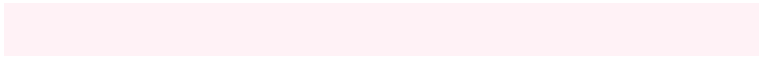
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3960, 75.4254, 82.6428



89.7775, 91.5975, 100.5372



73.3908, 76.0671, 80.6301



15.2088, 15.4538, 16.9783



19.2762, 9.8447, 5.0834



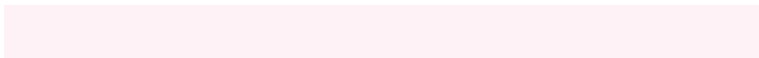
1.4663, 0.7442, 0.5961

Inverse Universe

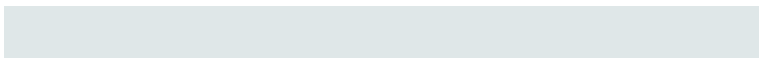
The Inverse Universe completely reimagines the original color for something new.



73.3960, 75.4254, 82.6428



89.7775, 91.5975, 100.5372



73.4356, 78.3887, 87.6052



15.2088, 15.4538, 16.9783



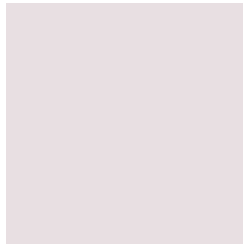
19.2762, 9.8447, 5.0834



1.4663, 0.7442, 0.5961

Previews

White Background



This preview shows how the XYZ color 73.3939, 75.4221, 82.6412 looks on a white background.

Color Contrast Check

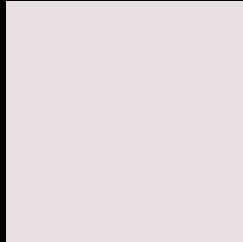
Large Text (above 18pt) WCAG AA × Fail

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 73.3939, 75.4221, 82.6412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

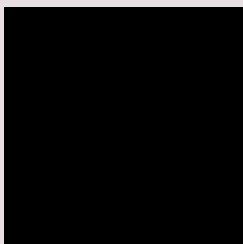
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

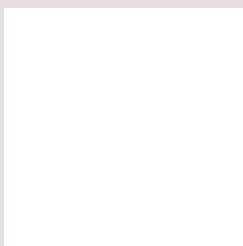
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3939, 75.4221, 82.6412

Background



This preview shows how black text looks on a background with the XYZ color 73.3939, 75.4221, 82.6412.



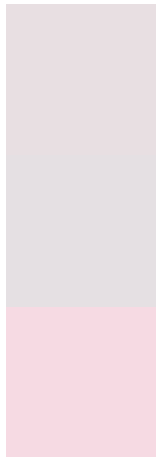
This preview shows how white text looks on a background with the XYZ color 73.3939, 75.4221,

82.6412.

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

73.3939, 75.4221, 82.6412

Protanopia

72.8339, 75.5154, 83.4102

Deuteranopia

76.9426, 75.2817, 83.1486



Tritanopia

75.2208, 75.3784, 91.4738

Trichromacy



Original Color

73.3939, 75.4221, 82.6412

Protanomaly

73.1539, 75.6804, 83.4252

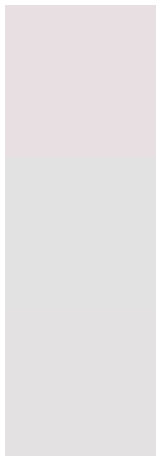
Deuteranomaly

75.7340, 75.4332, 83.2415

Tritanomaly

74.5768, 75.5067, 88.4855

Monochromacy



Original Color

73.3939, 75.4221, 82.6412

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6476, 75.8354, 82.7603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3939, 75.4221, 82.6412 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, 223, 226) looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 226)  
}
```

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, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.3939, 75.4221, 82.6412 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, 223, 226) }
```


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

```
.border{ border-color:rgb(232, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 223, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 223, 226); box-shadow:4px 4px 4px 4px rgb(232, 223, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3939, 75.4221, 82.6412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 226) }
```

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

```
.background{ background-color: rgb(232,  
223, 226) }
```

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