

Converting Colors

XYZ(73.7137, 72.3255, 89.6258)

Have a look what the booklet for
XYZ(73.7137, 72.3255, 89.6258)
contains.

XYZ(73.7017, 72.3192, 89.4314)	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(73.7017, 72.3192,
89.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD7EC
RGB	235, 215, 236
RGB Percent	92%, 84%, 93%
CMY	0.0784, 0.1568, 0.0745
CMYK	0.00, 0.09, 0.00, 0.07
HSL	297°, 36%, 88%
HSV	297°, 9%, 93%
XYZ	73.7017, 72.3192, 89.4314
YIQ	223.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

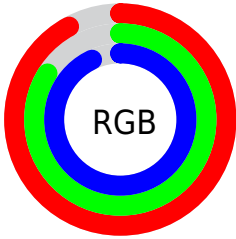
Format	Color
R _{YB}	235, 215, 236
Decimal	15456236
CIE _{Lab}	88.12, 10.55, -7.78
CIE _{LCh}	88, 13.112, 323.604
Yxy	72.3192, 0.3130, 0.3072
Android (android.graphics.Color)	4293646316 (0xFFEBD7EC)
YUV	223.3740, 6.2246, 10.1960
Hunter-Lab	85.0407, 5.8783, -2.8227

Details

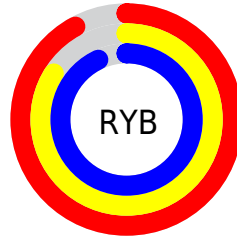
The XYZ color **73.7017, 72.3192, 89.4314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5828, 79.4981, 75.9183**, and the grayscale version is **70.3615, 74.0258, 80.6141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3994, 38.0206, 48.4422** is the 20% darker color. If you saturate the color by 10%, you get **67.7513, 60.9666, 87.5548**, and if you desaturate by 10%, it is **80.5255, 85.4129, 91.6002**.

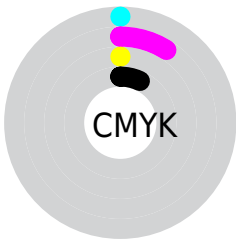
Distribution



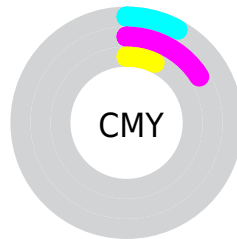
- Red (92%)
- Green (84%)
- Blue (93%)



- Red (92%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)





- Cyan (8%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7017, 72.3192, 89.4314 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 73.7017, 72.3192, 89.4314 by changing the saturation by 10% instead.


 73.7017, 72.3192,
89.4314

 73.7017, 72.3192,
89.4314


462.5094,
468.6519, 546.7018

 54.8403, 53.4195,
66.9381


123.4706,
122.5102, 148.4769

 39.5072, 38.1377,
48.5730


155.1089,
154.5703, 185.8663

 27.3371, 26.0896,
33.9177

191.7369,
191.7860, 229.0580

 17.9644, 16.8907,
22.5535

233.7199,
234.5417, 278.4707

 11.0240, 10.1566,
14.0620

281.4233,
283.2217, 334.5229

 6.1504, 5.5029,
8.0246

335.2124,

 2.9783, 2.5452,

338.2104, 397.6331

4.0227

395.4527,
399.8924, 468.2199

■ 1.1423, 0.8992,
1.6378

■ 0.0600, 0.0000,
0.3176

■ 73.7017, 72.3192,
89.4314

■ 73.7017, 72.3192,
89.4314

■ 67.7513, 60.9666,
87.5548

■ 80.5255, 85.4129,
91.6002

■ 62.6311, 51.2718,
85.9534

■ 85.9089, 95.6237,
93.2873

■ 58.3034, 43.1588,
84.6155

■ 86.2860, 95.8181,
93.3050

■ 54.7256, 36.5419,
83.5269

■ 86.6653, 96.0136,
93.3227

■ 51.8506, 31.3273,
82.6719

■ 87.0471, 96.2104,
93.3406

■ 49.6264, 27.4108,
82.0332

■ 87.4312, 96.4085,
93.3586

■ 47.9934, 24.6733,
81.5909

■ 87.8177, 96.6077,
93.3766

■ 46.8815, 22.9744,
81.3215

■ 88.2065, 96.8081,
93.3948

■ 46.1844, 22.1019,
81.1899

■ 88.5977, 97.0098,
93.4131

Harmonies

Analogous

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



71.1780, 72.3192, 95.6358



73.7017, 72.3192, 89.4314



74.9000, 72.3192, 80.6810

Triad

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



73.7017, 72.3192, 89.4314



69.4105, 72.3192, 62.8109



63.3631, 72.3192, 85.8563

Complementary

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



73.7017, 72.3192, 89.4314



70.5828, 79.4981, 75.9183

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.



62.9222, 72.3192, 76.8369



73.7017, 72.3192, 89.4314



66.3529, 72.3192, 63.9672

Square

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



73.7017, 72.3192, 89.4314



72.3744, 72.3192, 65.6552



64.0009, 72.3192, 68.9426



65.2240, 72.3192, 93.4646

Rectangle

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



73.7017, 72.3192, 89.4314



74.7608, 72.3192, 74.7541



64.0009, 72.3192, 68.9426



63.0463, 72.3192, 82.8720

Sweetspot

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



73.7038, 72.3223, 89.4330



92.5240, 95.1468, 108.0964



67.7365, 69.6442, 89.2306



19.6629, 20.0947, 23.0923



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.



73.7038, 72.3223, 89.4330



86.2556, 83.1383, 106.1089



72.6979, 71.9582, 82.4079



15.6398, 15.2751, 19.0463



25.4528, 12.1573, 44.7480



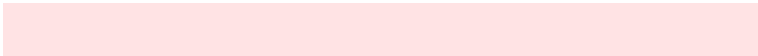
2.0206, 0.9659, 3.5148

Inverse Universe

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



71.2898, 71.3950, 74.9927



82.7387, 81.7882, 85.0330



71.5380, 79.8461, 82.4854



15.0945, 15.0657, 15.7832



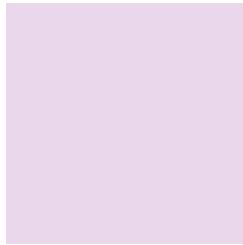
19.1150, 9.8487, 1.1411



1.5113, 0.7775, 0.1437

Previews

White Background



This preview shows how the XYZ color 73.7017, 72.3192, 89.4314 looks on a white background.

Color Contrast Check

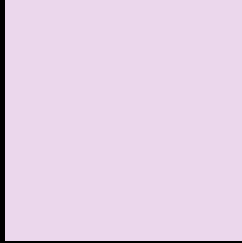
Large Text (above 18pt) WCAG AA × Fail

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 73.7017, 72.3192, 89.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

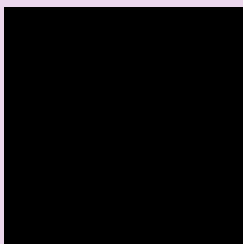
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7017, 72.3192, 89.4314

Background



This preview shows how black text looks on a background with the XYZ color 73.7017, 72.3192, 89.4314.



This preview shows how white text looks on a background with the XYZ color 73.7017, 72.3192,

89.4314.

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

73.7017, 72.3192, 89.4314

Protanopia

70.6884, 72.6340, 91.9554

Deuteranopia

74.0328, 72.4899, 89.4469



Tritanopia

73.1955, 72.4874, 87.2244

Trichromacy



Original Color

73.7017, 72.3192, 89.4314

Protanomaly

71.5554, 72.3234, 91.0774

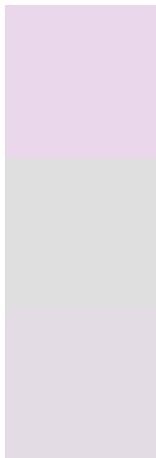
Deuteranomaly

74.0328, 72.4899, 89.4469

Tritanomaly

73.3388, 72.5447, 87.9791

Monochromacy



Original Color

73.7017, 72.3192, 89.4314

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.2753, 73.1187, 83.7555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7017, 72.3192, 89.4314 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(235, 215, 236)` looks like.

```
.text, #text, p{  
    color:rgb(235, 215, 236)  
}
```

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(235, 215, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 215, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.7017, 72.3192, 89.4314 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(235, 215, 236) }
```


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

```
.border{ border-color:rgb(235, 215, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 215, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 215, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 215, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 215,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7017, 72.3192, 89.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 215, 236) }
```

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

```
.background{ background-color: rgb(235,  
215, 236) }
```

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](#).

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