

Converting Colors

XYZ(73.4847, 72.1565, 91.7159)

Have a look what the booklet for
XYZ(73.4847, 72.1565, 91.7159)
contains.

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Color

**XYZ(73.4847, 72.1565,
91.7159)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D7EF
RGB	233, 215, 239
RGB Percent	91%, 84%, 94%
CMY	0.0863, 0.1568, 0.0627
CMYK	0.03, 0.10, 0.00, 0.06
HSL	285°, 43%, 89%
HSV	285°, 10%, 94%
XYZ	73.4847, 72.1565, 91.7159
YIQ	223.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

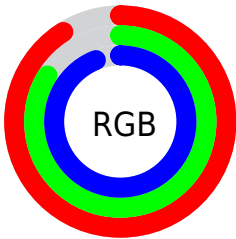
Format	Color
R _Y B	233, 215, 239
Decimal	15325167
CIE Lab	88.04, 10.44, -9.50
CIE LCh	88, 14.113, 317.710
Yxy	72.1565, 0.3096, 0.3040
Android (android.graphics.Color)	4293515247 (0xFFE9D7EF)
YUV	223.1180, 7.8298, 8.6665
Hunter-Lab	84.9450, 5.7641, -4.5545

Details

The XYZ color **73.4847, 72.1565, 91.7159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9537, 82.0133, 76.2787**, and the grayscale version is **70.1695, 73.8238, 80.3941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2495, 37.9076, 50.0480** is the 20% darker color. If you saturate the color by 10%, you get **65.9207, 59.8747, 89.7450**, and if you desaturate by 10%, it is **82.0080, 86.2565, 93.9893**.

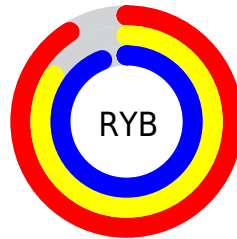
Distribution



Red (91%)

Green (84%)

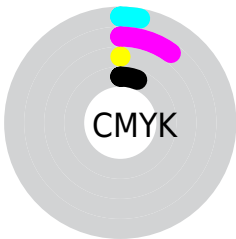
Blue (94%)



Red (91%)

Yellow (84%)

Blue (94%)

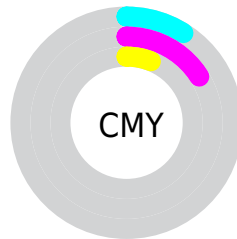


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4847, 72.1565, 91.7159 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 73.4847, 72.1565, 91.7159 by changing the saturation by 10% instead.

73.4847, 72.1565,
91.7159

73.4847, 72.1565,
91.7159

461.7708,
468.0861, 554.3104

54.6622, 53.2865,
68.8230

123.1645,
122.2790, 151.6759

39.3641, 38.0316,
50.0967

154.7525,
154.3003, 189.5800

27.2251, 26.0072,
35.1185

191.3263,
191.4742, 233.3249

17.8798, 16.8290,
23.4699

233.2513,
234.1851, 283.3291

10.9629, 10.1127,
14.7323

280.8930,
282.8173, 340.0113

6.1090, 5.4737,
8.4872

334.6165,

2.9528, 2.5278,

337.7553, 403.7898

4.3160

394.7873,
399.3835, 475.0834

■ 1.1288, 0.8905,
1.8003

■ 0.0490, 0.0000,
0.4281

■ 73.4847, 72.1565,
91.7159

■ 73.4847, 72.1565,
91.7159

■ 65.9207, 59.8747,
89.7450

■ 82.0080, 86.2565,
93.9893

■ 59.2706, 49.3247,
88.0592

■ 88.9800, 97.1561,
95.7257

■ 53.4947, 40.4270,
86.6462

■ 91.0982, 98.2481,
95.8248

■ 48.5478, 33.0920,
85.4911

■ 92.5802, 99.0121,
95.8942

■ 44.3801, 27.2215,
84.5776

■ 40.9366, 22.7060,
83.8876

■ 38.1541, 19.4205,
83.4000

■ 35.9577, 17.2160,
83.0903

■ 34.2271, 15.8449,
82.9169

Harmonies

Analogous

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



70.5711, 72.1565, 97.5877



73.4847, 72.1565, 91.7159



75.1055, 72.1565, 82.5798

Triad

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



73.4847, 72.1565, 91.7159



69.9701, 72.1565, 61.8048



62.5977, 72.1565, 84.3431

Complementary

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



73.4847, 72.1565, 91.7159



72.9537, 82.0133, 76.2787

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.



62.4487, 72.1565, 74.6848



73.4847, 72.1565, 91.7159



66.6317, 72.1565, 62.1924

Square

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



73.4847, 72.1565, 91.7159



73.0323, 72.1565, 65.6316



63.9035, 72.1565, 66.7375



64.3174, 72.1565, 93.0975

Rectangle

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



73.4847, 72.1565, 91.7159



75.2010, 72.1565, 76.1045



63.9035, 72.1565, 66.7375



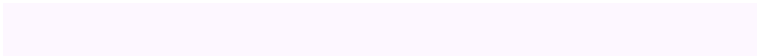
62.3643, 72.1565, 81.0803

Sweetspot

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



73.4868, 72.1596, 91.7175



91.9577, 94.8548, 108.0699



69.5694, 72.6066, 92.0102



19.5096, 20.0156, 23.0851



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.



73.4868, 72.1596, 91.7175



83.2943, 80.5843, 105.7720



74.6644, 72.8608, 87.5208



16.0458, 15.8209, 19.9296



19.0406, 8.8212, 45.8270



1.6741, 0.7803, 3.8166

Inverse Universe

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



72.9507, 72.1753, 78.4965



82.5760, 80.6157, 87.5900



71.8913, 81.3811, 80.0497



15.9349, 15.8237, 17.2134



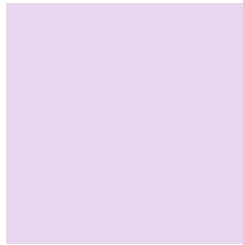
20.1627, 10.3375, 3.5076



1.7159, 0.8754, 0.4949

Previews

White Background



This preview shows how the XYZ color 73.4847, 72.1565, 91.7159 looks on a white background.

Color Contrast Check

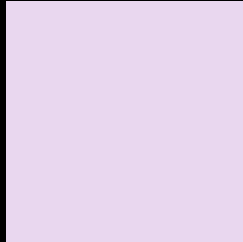
Large Text (above 18pt) WCAG AA × Fail

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 73.4847, 72.1565, 91.7159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

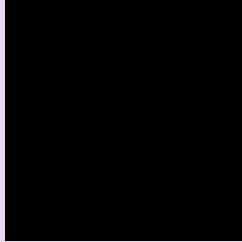
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4847, 72.1565, 91.7159

Background



This preview shows how black text looks on a background with the XYZ color 73.4847, 72.1565, 91.7159.



This preview shows how white text looks on a background with the XYZ color 73.4847, 72.1565,

91.7159.

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

73.4847, 72.1565, 91.7159

Protanopia

70.5719, 72.1339, 94.2081

Deuteranopia

73.8121, 72.3253, 91.7312



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

73.4847, 72.1565, 91.7159

Protanomaly

71.6891, 72.3410, 93.4039

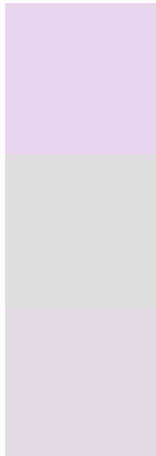
Deuteranomaly

73.8121, 72.3253, 91.7312

Tritanomaly

72.8300, 72.2657, 88.7074

Monochromacy



Original Color

73.4847, 72.1565, 91.7159

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.4146, 73.1744, 84.4889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4847, 72.1565, 91.7159 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(233, 215, 239)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 239)  
}
```

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(233, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.4847, 72.1565, 91.7159 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(233, 215, 239) }
```


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

```
.border{ border-color:rgb(233, 215, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4847, 72.1565, 91.7159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 239) }
```

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

```
.background{ background-color: rgb(233,  
215, 239) }
```

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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