

Converting Colors

XYZ(73.6198, 78.1268, 72.5833)

Have a look what the booklet for
XYZ(73.6198, 78.1268, 72.5833)
contains.

XYZ(73.7089, 78.2342, 72.8439)	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(73.7089, 78.2342,
72.8439)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE5D3
RGB	234, 229, 211
RGB Percent	92%, 90%, 83%
CMY	0.0823, 0.1019, 0.1725
CMYK	0.00, 0.02, 0.10, 0.08
HSL	47°, 35%, 87%
HSV	47°, 10%, 92%
XYZ	73.7089, 78.2342, 72.8439
YIQ	228.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

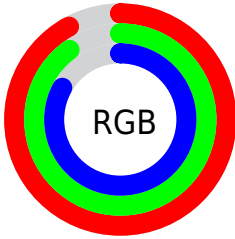
Format	Color
RYB	217, 234, 211
Decimal	15394259
CIELab	90.89, -1.35, 9.37
CIElCh	91, 9.463, 98.184
Yxy	78.2342, 0.3279, 0.3480
Android (android.graphics.Color)	4293584339 (0xFFEAE5D3)
YUV	228.4430, -8.5994, 4.8735
Hunter-Lab	88.4501, -6.0367, 13.0862

Details

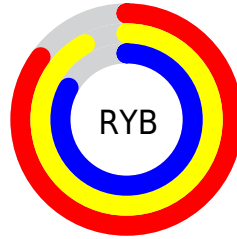
The XYZ color **73.7089, 78.2342, 72.8439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2711, 68.9000, 87.6489**, and the grayscale version is **74.1256, 77.9859, 84.9266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4969, 42.1374, 37.5041** is the 20% darker color. If you saturate the color by 10%, you get **69.6013, 74.3763, 58.0398**, and if you desaturate by 10%, it is **78.2891, 82.3521, 89.9142**.

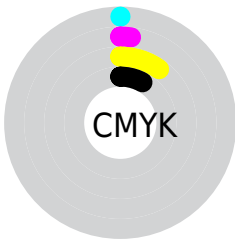
Distribution



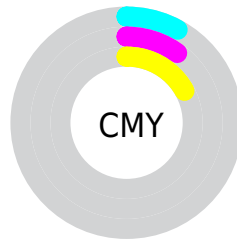
- Red (92%)
- Green (90%)
- Blue (83%)



- Red (85%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7089, 78.2342, 72.8439 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 73.7089, 78.2342, 72.8439 by changing the saturation by 10% instead.

73.7089, 78.2342,
72.8439

73.7089, 78.2342,
72.8439

462.5339,
488.9618, 489.5299

54.8463, 58.2664,
53.3573

123.4808,
130.8802, 124.9744

39.5120, 42.0228,
37.6984

155.1207,
164.3272, 158.4555

27.3408, 29.1192,
25.4487

191.7505,
203.0361, 197.4383

17.9672, 19.1710,
16.1896

233.7354,
247.3911, 242.3416

11.0260, 11.7939,
9.5026

281.4409,
297.7769, 293.5839

6.1518, 6.6035,
4.9692

335.2322,

2.9791, 3.2154,

354.5776, 351.5837

2.1708

395.4748,
418.1778, 416.7595

■ 1.1427, 1.2452,
0.6574

■ 0.0604, 0.0982,
0.0000

■ 73.7089, 78.2342,
72.8439

■ 73.7089, 78.2342,
72.8439

■ 69.6013, 74.3763,
58.0398

■ 78.2891, 82.3521,
89.9142

■ 65.9411, 70.7602,
45.4001

■ 82.8986, 86.5456,
106.9435

■ 62.7104, 67.3806,
34.8225

■ 84.4090, 89.5665,
107.4470

■ 59.8876, 64.2284,
26.1945

■ 85.9616, 92.6717,
107.9645

■ 57.4488, 61.2934,
19.3929

■ 87.5567, 95.8619,
108.4962

■ 55.3676, 58.5645,
14.2802

■ 87.7421, 96.2326,
108.5580

■ 53.6140, 56.0290,
10.6996

■ 52.1520, 53.6721,
8.4644

■ 50.9221, 51.4692,
7.2622

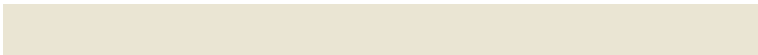
Harmonies

Analogous

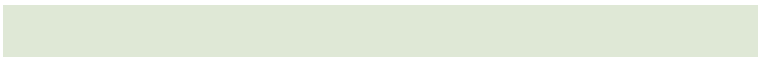
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0751, 78.2342, 73.5726



73.7089, 78.2342, 72.8439



71.5625, 78.2342, 75.2798

Triad

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



73.7089, 78.2342, 72.8439



70.8155, 78.2342, 93.5562



78.6947, 78.2342, 90.1540

Complementary

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



73.7089, 78.2342, 72.8439



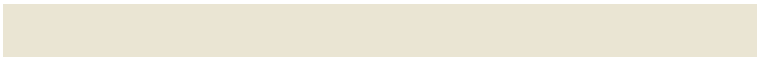
66.2711, 68.9000, 87.6489

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.



77.2279, 78.2342, 95.9203



73.7089, 78.2342, 72.8439



72.6694, 78.2342, 97.9564

Square

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



73.7089, 78.2342, 72.8439



69.9155, 78.2342, 87.0655



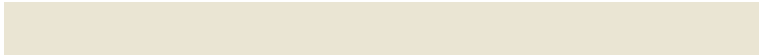
75.0134, 78.2342, 98.8439



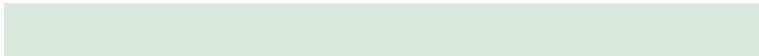
78.9874, 78.2342, 83.3293

Rectangle

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



73.7089, 78.2342, 72.8439



70.5333, 78.2342, 78.4513



75.0134, 78.2342, 98.8439



78.3211, 78.2342, 92.2908

Sweetspot

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



73.7110, 78.2376, 72.8456



93.3148, 98.4615, 102.3659



69.6691, 69.0590, 74.8734



19.8759, 20.9878, 21.5461



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.



73.7110, 78.2376, 72.8456



88.4251, 94.0160, 84.2922



73.1343, 80.0219, 73.2204



16.0582, 17.0394, 15.9613



28.7001, 29.0944, 4.1031



2.3224, 2.4221, 0.3451

Inverse Universe

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



66.2711, 68.9000, 87.6489



77.5035, 80.3090, 106.0241



66.8016, 67.3024, 87.3126



14.4964, 15.0793, 19.0688



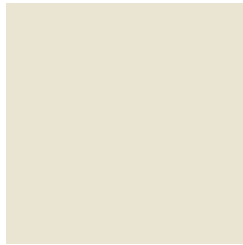
9.0818, 4.8107, 44.1928



0.7824, 0.5162, 3.4933

Previews

White Background



This preview shows how the XYZ color 73.7089, 78.2342, 72.8439 looks on a white background.

Color Contrast Check

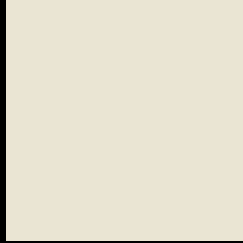
Large Text (above 18pt) WCAG AA × Fail

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 73.7089, 78.2342, 72.8439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

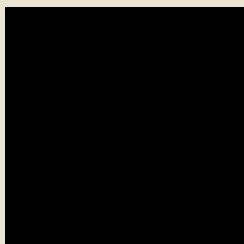
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

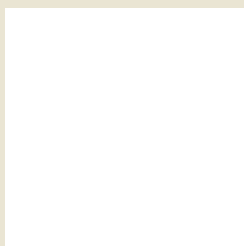
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7089, 78.2342, 72.8439

Background



This preview shows how black text looks on a background with the XYZ color 73.7089, 78.2342, 72.8439.



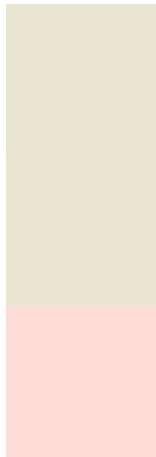
This preview shows how white text looks on a background with the XYZ color 73.7089, 78.2342,

72.8439.

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

73.7089, 78.2342, 72.8439

Protanopia

74.3013, 78.1445, 72.1401

Deuteranopia

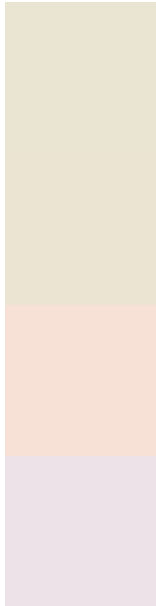
79.2341, 77.8279, 74.4645



Tritanopia

77.9426, 77.8993, 94.9324

Trichromacy



Original Color

73.7089, 78.2342, 72.8439

Protanomaly

73.9683, 77.9728, 72.1245

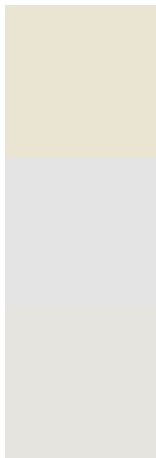
Deuteranomaly

77.0237, 77.8896, 73.9254

Tritanomaly

76.5452, 78.1668, 86.6546

Monochromacy



Original Color

73.7089, 78.2342, 72.8439

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5613, 77.5837, 80.2053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7089, 78.2342, 72.8439 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(234, 229, 211) looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 211)  
}
```

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(234, 229, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.7089, 78.2342, 72.8439 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(234, 229, 211) }
```


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

```
.border{ border-color:rgb(234, 229, 211) }
```

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

Here you see how a box with a 4 pixel rgb(234, 229, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 211);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7089, 78.2342, 72.8439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 211) }
```

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

```
.background{ background-color: rgb(234,  
229, 211) }
```

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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