

Converting Colors

XYZ(73.6277, 74.0951, 84.2579)

Have a look what the booklet for
XYZ(73.6277, 74.0951, 84.2579)
contains.

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Color

**XYZ(73.7353, 73.9823,
84.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDBE5
RGB	235, 219, 229
RGB Percent	92%, 86%, 90%
CMY	0.0784, 0.1412, 0.1020
CMYK	0.00, 0.07, 0.03, 0.08
HSL	323°, 29%, 89%
HSV	323°, 7%, 92%
XYZ	73.7353, 73.9823, 84.5225
YIQ	224.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

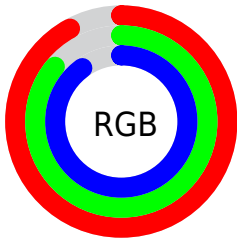
Format	Color
R _Y B	235, 219, 229
Decimal	15457253
CIE Lab	88.91, 7.21, -2.92
CIE LCh	89, 7.780, 337.933
Yxy	73.9823, 0.3175, 0.3186
Android (android.graphics.Color)	4293647333 (0xFFEBDBE5)
YUV	224.9240, 2.0095, 8.8367
Hunter-Lab	86.0130, 2.4979, 1.9465

Details

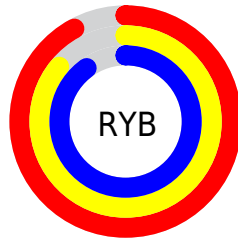
The XYZ color **73.7353, 73.9823, 84.5225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5151, 79.9149, 82.8411**, and the grayscale version is **71.4980, 75.2215, 81.9162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5058, 39.1906, 45.5268** is the 20% darker color. If you saturate the color by 10%, you get **66.8330, 62.0967, 76.3034**, and if you desaturate by 10%, it is **81.5698, 87.6303, 93.3625**.

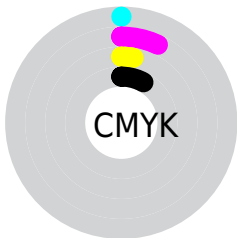
Distribution



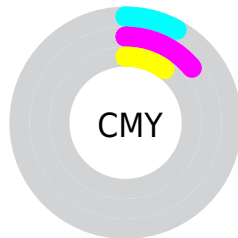
- Red (92%)
- Green (86%)
- Blue (90%)



- Red (92%)
- Yellow (86%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7353, 73.9823, 84.5225 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 73.7353, 73.9823, 84.5225 by changing the saturation by 10% instead.

73.7353, 73.9823,
84.5225

73.7353, 73.9823,
84.5225

462.6237,
474.4123, 530.1500

54.8679, 54.7796,
62.8990

123.5180,
124.8707, 141.5741

39.5294, 39.2253,
45.3191

155.1641,
157.3252, 177.8393

27.3544, 26.9350,
31.3640

191.8004,
194.9657, 219.8221

17.9775, 17.5244,
20.6154

233.7924,
238.1766, 267.9411

11.0334, 10.6091,
12.6547

281.5054,
287.3423, 322.6149

6.1568, 5.8046,
7.0633

335.3047,

2.9822, 2.7266,

342.8472, 384.2620

3.4227

395.5557,
405.0757, 453.3008

■ 1.1444, 0.9907,
1.3143

■ 0.0618, 0.0000,
0.0735

■ 73.7353, 73.9823,
84.5225

■ 73.7353, 73.9823,
84.5225

■ 66.8330, 62.0967,
76.3034

■ 81.5698, 87.6303,
93.3625

■ 60.8195, 51.8913,
68.6835

■ 86.7530, 95.8750,
101.6306

■ 55.6575, 43.2917,
61.6466

■ 88.0714, 96.4024,
108.5734

■ 51.3044, 36.2144,
55.1738

■ 47.7137, 30.5678,
49.2448

■ 44.8339, 26.2509,
43.8373

■ 42.6069, 23.1490,
38.9270

■ 40.9649, 21.1280,
34.4859

■ 39.8213, 20.0167,
30.4798

Harmonies

Analogous

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



72.5727, 73.9823, 89.0335



73.7353, 73.9823, 84.5225



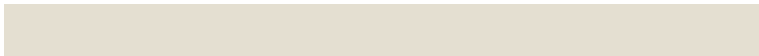
73.9741, 73.9823, 79.1281

Triad

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



73.7353, 73.9823, 84.5225



69.8182, 73.9823, 70.6919



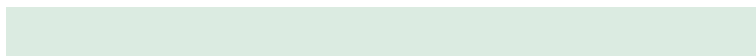
67.4941, 73.9823, 87.1142

Complementary

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



73.7353, 73.9823, 84.5225



72.5151, 79.9149, 82.8411

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.



66.7843, 73.9823, 81.9972



73.7353, 73.9823, 84.5225



68.1104, 73.9823, 72.6310

Square

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



73.7353, 73.9823, 84.5225



71.6903, 73.9823, 71.3004



67.0079, 73.9823, 76.7120



68.9633, 73.9823, 90.5758

Rectangle

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



73.7353, 73.9823, 84.5225



73.5734, 73.9823, 75.7826



67.0079, 73.9823, 76.7120



67.1600, 73.9823, 85.5219

Sweetspot

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



73.7374, 73.9855, 84.5241



93.1380, 96.6665, 106.7508



71.3396, 72.6509, 88.8613



19.9554, 20.7255, 22.8717



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.



73.7374, 73.9855, 84.5241



87.6762, 87.1848, 100.4850



72.6639, 73.5561, 78.8712



15.4613, 15.2124, 17.7147



22.0563, 11.0252, 16.6298



1.7783, 0.8843, 1.5501

Inverse Universe

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



73.7374, 73.9855, 84.5241



87.6762, 87.1848, 100.4850



73.6130, 80.3541, 88.6225



15.4613, 15.2124, 17.7147



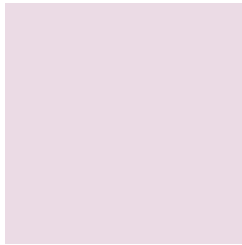
22.0563, 11.0252, 16.6298



1.7783, 0.8843, 1.5501

Previews

White Background



This preview shows how the XYZ color 73.7353, 73.9823, 84.5225 looks on a white background.

Color Contrast Check

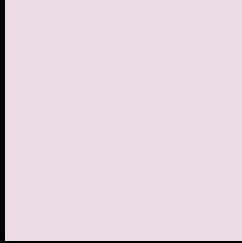
Large Text (above 18pt) WCAG AA × Fail

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 73.7353, 73.9823, 84.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

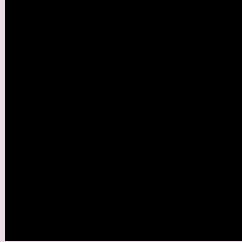
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

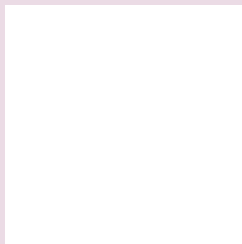
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7353, 73.9823, 84.5225

Background



This preview shows how black text looks on a background with the XYZ color 73.7353, 73.9823, 84.5225.

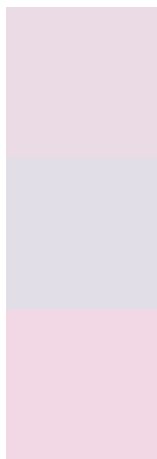


This preview shows how white text looks on a background with the XYZ color 73.7353, 73.9823,

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

73.7353, 73.9823, 84.5225

Protanopia

71.5964, 74.0196, 86.1150

Deuteranopia

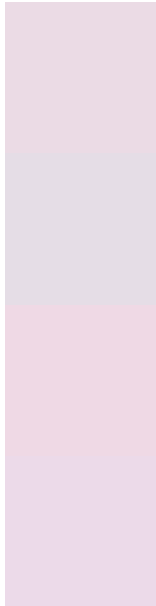
75.3167, 73.6461, 84.3742



Tritanopia

74.6589, 73.9738, 88.9407

Trichromacy



Original Color

73.7353, 73.9823, 84.5225

Protanomaly

72.4525, 74.0841, 85.3439

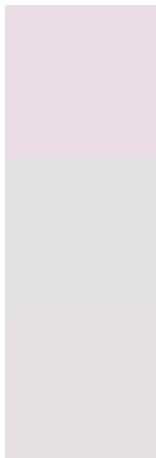
Deuteranomaly

74.5523, 73.6336, 84.4121

Tritanomaly

74.3715, 73.8589, 87.4272

Monochromacy



Original Color

73.7353, 73.9823, 84.5225

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4282, 74.9244, 82.5960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7353, 73.9823, 84.5225 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, 219, 229) looks like.

```
.text, #text, p{  
    color:rgb(235, 219, 229)  
}
```

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, 219, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.7353, 73.9823, 84.5225 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, 219, 229) }
```


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

```
.border{ border-color:rgb(235, 219, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 219, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 219, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 219, 229);  
box-shadow:4px 4px 4px 4px rgb(235, 219,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7353, 73.9823, 84.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 229) }
```

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

```
.background{ background-color: rgb(235,  
219, 229) }
```

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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