

Converting Colors

XYZ(72.9326, 70.7813, 85.1307)

Have a look what the booklet for
XYZ(72.9326, 70.7813, 85.1307)
contains.

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Color

**XYZ(73.2272, 71.0336,
85.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	EED4E7
RGB	238, 212, 231
RGB Percent	93%, 83%, 91%
CMY	0.0667, 0.1686, 0.0941
CMYK	0.00, 0.11, 0.03, 0.07
HSL	316°, 43%, 88%
HSV	316°, 11%, 93%
XYZ	73.2272, 71.0336, 85.4527
YIQ	221.9400, 9.3970, 11.4210

Conversions

Conversions Part 2

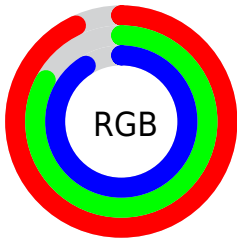
Format	Color
R_{YB}	238, 212, 231
Decimal	15652071
CIE _{Lab}	87.50, 12.24, -6.03
CIE _{LCh}	88, 13.647, 333.775
Yxy	71.0336, 0.3188, 0.3092
Android (android.graphics.Color)	4293842151 (0xFFEED4E7)
YUV	221.9400, 4.4666, 14.0846
Hunter-Lab	84.2814, 7.5957, -1.1170

Details

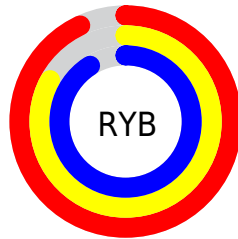
The XYZ color **73.2272, 71.0336, 85.4527** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5148, 80.2626, 78.7973**, and the grayscale version is **69.3554, 72.9672, 79.4613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0862, 37.1542, 45.6688** is the 20% darker color. If you saturate the color by 10%, you get **66.8226, 59.6457, 78.9340**, and if you desaturate by 10%, it is **80.5460, 84.1948, 92.4414**.

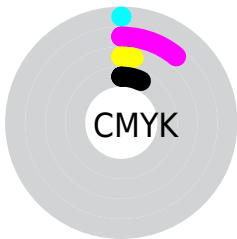
Distribution



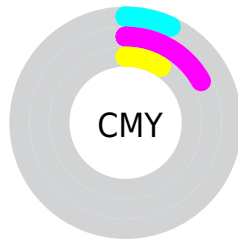
- Red (93%)
- Green (83%)
- Blue (91%)



- Red (93%)
- Yellow (83%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2272, 71.0336, 85.4527 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 73.2272, 71.0336, 85.4527 by changing the saturation by 10% instead.

73.2272, 71.0336,
85.4527

73.2272, 71.0336,
85.4527

460.8935,
464.1709, 533.3084

54.4508, 52.3696,
63.6632

122.8011,
120.6816, 142.8853

39.1943, 37.2998,
45.9335

154.3293,
152.4343, 179.3654

27.0923, 25.4397,
31.8451

190.8388,
189.3188, 221.5795

17.7795, 16.4049,
20.9793

232.6950,
231.7194, 269.9461

10.8905, 9.8111,
12.9178

280.2632,
280.0205, 324.8838

6.0600, 5.2739,
7.2419

333.9088,

2.9226, 2.4089,

334.6066, 386.8110

3.5331

393.9971,
395.8619, 456.1464

■ 1.1130, 0.8304,
1.3729

■ 0.0359, 0.0000,
0.1204

■ 73.2272, 71.0336,
85.4527

■ 73.2272, 71.0336,
85.4527

■ 66.8226, 59.6457,
78.9340

■ 80.5460, 84.1948,
92.4414

■ 61.2875, 49.9452,
72.8661

■ 87.3221, 96.2181,
99.4135

■ 56.5824, 41.8530,
67.2350

■ 88.3115, 96.6138,
104.6237

■ 52.6627, 35.2800,
62.0239

■ 89.0704, 96.9174,
108.6202

■ 49.4790, 30.1285,
57.2146

■ 46.9765, 26.2890,
52.7870

■ 45.0921, 23.6363,
48.7181

■ 43.7507, 22.0206,
44.9811

■ 42.8920, 21.2300,
41.8375

Harmonies

Analogous

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



71.0186, 71.0336, 93.0505



73.2272, 71.0336, 85.4527



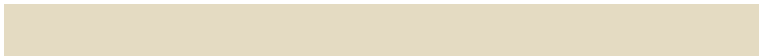
73.8882, 71.0336, 76.1813

Triad

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



73.2272, 71.0336, 85.4527



67.1082, 71.0336, 60.9545



62.4950, 71.0336, 87.6333

Complementary

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



73.2272, 71.0336, 85.4527



70.5148, 80.2626, 78.7973

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.



61.5198, 71.0336, 78.5175



73.2272, 71.0336, 85.4527



64.1292, 71.0336, 63.5117

Square

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



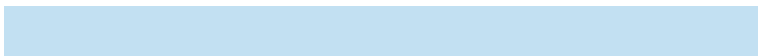
73.2272, 71.0336, 85.4527



70.2904, 71.0336, 62.4929



62.1084, 71.0336, 69.7643



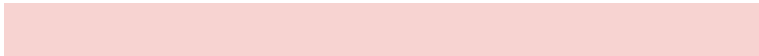
64.8142, 71.0336, 94.3781

Rectangle

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



73.2272, 71.0336, 85.4527



73.3455, 71.0336, 70.4084



62.1084, 71.0336, 69.7643



62.0026, 71.0336, 84.7197

Sweetspot

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



73.2293, 71.0367, 85.4542



92.3280, 95.0838, 106.3653



68.1724, 68.3132, 90.4828



19.6099, 20.0776, 22.6234



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.



73.2293, 71.0367, 85.4542



83.9673, 80.0812, 98.2797



71.4695, 70.3328, 76.1873



16.2620, 15.9545, 18.9360



23.9858, 11.8667, 23.6396



2.0366, 1.0037, 2.1836

Inverse Universe

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



73.2293, 71.0367, 85.4542



83.9673, 80.0812, 98.2797



72.2843, 80.9704, 88.1152



16.2620, 15.9545, 18.9360



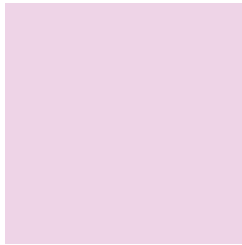
23.9858, 11.8667, 23.6396



2.0366, 1.0037, 2.1836

Previews

White Background



This preview shows how the XYZ color 73.2272, 71.0336, 85.4527 looks on a white background.

Color Contrast Check

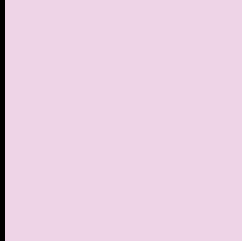
Large Text (above 18pt) WCAG AA × Fail

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 73.2272, 71.0336, 85.4527 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 73.2272, 71.0336, 85.4527

Background



This preview shows how black text looks on a background with the XYZ color 73.2272, 71.0336, 85.4527.



This preview shows how white text looks on a background with the XYZ color 73.2272, 71.0336,

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

73.2272, 71.0336, 85.4527

Protanopia

69.2802, 71.2010, 88.6890

Deuteranopia

72.4790, 71.0202, 85.4895



Tritanopia

72.9462, 70.9213, 83.9732

Trichromacy



Original Color

73.2272, 71.0336, 85.4527

Protanomaly

70.7712, 71.2210, 87.8589

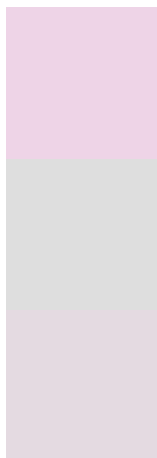
Deuteranomaly

72.8101, 71.1909, 85.5050

Tritanomaly

73.0863, 70.9773, 84.7108

Monochromacy



Original Color

73.2272, 71.0336, 85.4527

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6569, 72.0730, 81.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2272, 71.0336, 85.4527 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(238, 212, 231)` looks like.

```
.text, #text, p{  
    color:rgb(238, 212, 231)  
}
```

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(238, 212, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 212, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.2272, 71.0336, 85.4527 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(238, 212, 231) }
```


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

```
.border{ border-color:rgb(238, 212, 231) }
```

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

Here you see how a box with a 4 pixel rgb(238, 212, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 212, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 212, 231);  
box-shadow:4px 4px 4px 4px rgb(238, 212,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2272, 71.0336, 85.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 212, 231) }
```

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

```
.background{ background-color: rgb(238,  
212, 231) }
```

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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