

Converting Colors

XYZ(72.4571, 72.5304, 85.3344)

Have a look what the booklet for
XYZ(72.4571, 72.5304, 85.3344)
contains.

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Color

**XYZ(72.3745, 72.4947,
85.0412)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D9E6
RGB	232, 217, 230
RGB Percent	91%, 85%, 90%
CMY	0.0902, 0.1490, 0.0980
CMYK	0.00, 0.06, 0.01, 0.09
HSL	308°, 25%, 88%
HSV	308°, 6%, 91%
XYZ	72.3745, 72.4947, 85.0412
YIQ	222.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

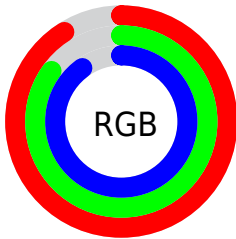
Format	Color
R _Y B	232, 217, 230
Decimal	15260134
CIE Lab	88.21, 7.42, -4.52
CIE LCh	88, 8.686, 328.651
Yxy	72.4947, 0.3148, 0.3153
Android (android.graphics.Color)	4293450214 (0xFFE8D9E6)
YUV	222.9670, 3.4673, 7.9219
Hunter-Lab	85.1438, 2.7280, 0.3821

Details

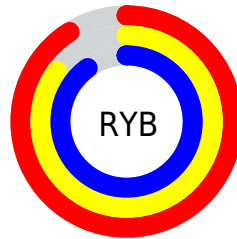
The XYZ color **72.3745, 72.4947, 85.0412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2608, 77.5814, 78.2932**, and the grayscale version is **70.0914, 73.7416, 80.3046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5627, 38.1659, 45.8917** is the 20% darker color. If you saturate the color by 10%, you get **66.3800, 61.1939, 80.9188**, and if you desaturate by 10%, it is **79.2215, 85.4860, 89.4875**.

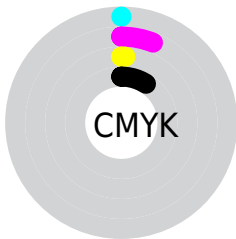
Distribution



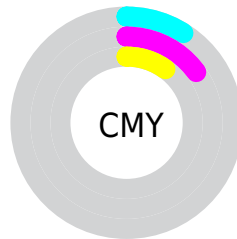
- Red (91%)
- Green (85%)
- Blue (90%)



- Red (91%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3745, 72.4947, 85.0412 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 72.3745, 72.4947, 85.0412 by changing the saturation by 10% instead.

72.3745, 72.4947,
85.0412

72.3745, 72.4947,
85.0412

457.9815,
469.2616, 531.9125

53.7512, 53.5629,
63.3251

121.5967,
122.7596, 142.3054

38.6327, 38.2523,
45.6616

152.9264,
154.8615, 178.6906

26.6535, 26.1786,
31.6321

189.2223,
192.1222, 220.8025

17.4484, 16.9573,
20.8182

230.8496,
234.9261, 269.0597

10.6520, 10.2040,
12.8012

278.1739,
283.6576, 323.8808

5.8989, 5.5345,
7.1627

331.5604,

2.8238, 2.5641,

338.7011, 385.6843

3.4841

391.3744,
400.4410, 454.8887

■ 1.0613, 0.9087,
1.3468

■ 0.0000, 0.0000,
0.0997

■ 72.3745, 72.4947,
85.0412

■ 72.3745, 72.4947,
85.0412

■ 66.3800, 61.1939,
80.9188

■ 79.2215, 85.4860,
89.4875

■ 61.1968, 51.5046,
77.1039

■ 84.2072, 94.7432,
93.3508

■ 56.7897, 43.3551,
73.5853

■ 84.6612, 94.9249,
95.7420

■ 53.1183, 36.6651,
70.3495

■ 85.1232, 95.1096,
98.1744

50.1387, 31.3465,
67.3815

85.5930, 95.2976,
100.6483

47.8023, 27.3021,
64.6650

86.0707, 95.4886,
103.1639

46.0539, 24.4219,
62.1814

86.5563, 95.6829,
105.7212

44.8291, 22.5770,
59.9090

87.0499, 95.8803,
108.3206

44.0470, 21.6057,
57.8206

87.0892, 95.8961,
108.5274

Harmonies

Analogous

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



70.8385, 72.4947, 89.4129



72.3745, 72.4947, 85.0412



72.9780, 72.4947, 79.2041

Triad

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



72.3745, 72.4947, 85.0412



68.9982, 72.4947, 68.0338



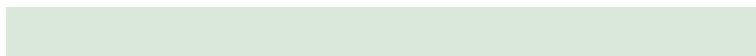
65.4554, 72.4947, 84.5517

Complementary

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



72.3745, 72.4947, 85.0412



70.2608, 77.5814, 78.2932

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.



64.9846, 72.4947, 78.6653



72.3745, 72.4947, 85.0412



67.0051, 72.4947, 69.3084

Square

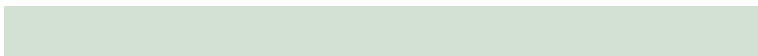
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3745, 72.4947, 85.0412



71.0046, 72.4947, 69.5557



65.5463, 72.4947, 73.1272



66.8453, 72.4947, 89.1204

Rectangle

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



72.3745, 72.4947, 85.0412



72.7612, 72.4947, 75.3295



65.5463, 72.4947, 73.1272



65.1856, 72.4947, 82.6525

Sweetspot

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



72.3766, 72.4978, 85.0428



93.3352, 96.7453, 107.7891



68.5949, 70.5156, 86.3406



19.9955, 20.7416, 23.0830



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.



72.3766, 72.4978, 85.0428



88.4489, 87.4939, 104.5538



71.3460, 72.0856, 79.6155



14.9081, 14.5804, 17.7162



24.3656, 11.8805, 31.8841



1.8236, 0.8871, 2.4775

Inverse Universe

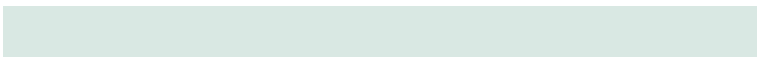
The Inverse Universe completely reimagines the original color for something new.



72.3766, 72.4978, 85.0428



88.4489, 87.4939, 104.5538



71.2705, 77.9853, 83.6102



14.9081, 14.5804, 17.7162



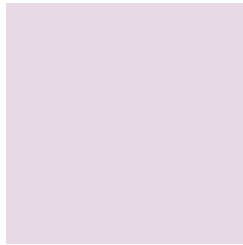
24.3656, 11.8805, 31.8841



1.8236, 0.8871, 2.4775

Previews

White Background



This preview shows how the XYZ color 72.3745, 72.4947, 85.0412 looks on a white background.

Color Contrast Check

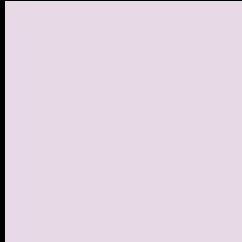
Large Text (above 18pt) WCAG AA × Fail

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 72.3745, 72.4947, 85.0412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

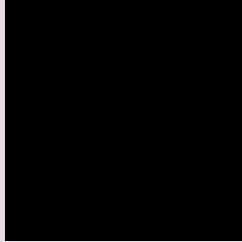
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

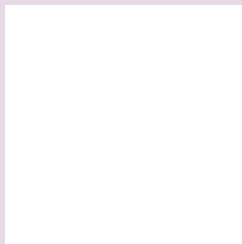
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3745, 72.4947, 85.0412

Background



This preview shows how black text looks on a background with the XYZ color 72.3745, 72.4947, 85.0412.

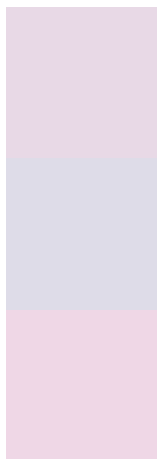


This preview shows how white text looks on a background with the XYZ color 72.3745, 72.4947,

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

72.3745, 72.4947, 85.0412

Protanopia

70.2829, 72.5422, 86.6417

Deuteranopia

74.1800, 72.6648, 84.9789



Tritanopia

72.8681, 72.3186, 87.2091

Trichromacy



Original Color

72.3745, 72.4947, 85.0412

Protanomaly

71.1194, 72.6013, 85.8664

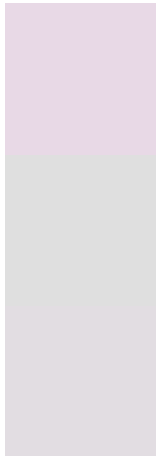
Deuteranomaly

73.4309, 72.6578, 85.0170

Tritanomaly

72.7256, 72.2616, 86.4588

Monochromacy



Original Color

72.3745, 72.4947, 85.0412

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.9479, 73.3726, 82.3745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3745, 72.4947, 85.0412 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(232, 217, 230) looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 230)  
}
```

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(232, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 230) }
```

Border

The CSS property to change the border of an element to XYZ 72.3745, 72.4947, 85.0412 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(232, 217, 230) }
```


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

```
.border{ border-color:rgb(232, 217, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3745, 72.4947, 85.0412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 230) }
```

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

```
.background{ background-color: rgb(232,  
217, 230) }
```

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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