

Converting Colors

XYZ(72.4417, 74.6033, 86.9278)

Have a look what the booklet for
XYZ(72.4417, 74.6033, 86.9278)
contains.

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Color

**XYZ(72.3653, 74.3996,
86.8904)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEE8
RGB	227, 222, 232
RGB Percent	89%, 87%, 91%
CMY	0.1098, 0.1294, 0.0902
CMYK	0.02, 0.04, 0.00, 0.09
HSL	270°, 18%, 89%
HSV	270°, 4%, 91%
XYZ	72.3653, 74.3996, 86.8904
YIQ	224.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

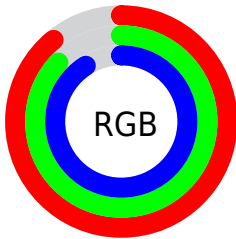
Format	Color
R _Y B	227, 222, 232
Decimal	14933736
CIE Lab	89.11, 3.50, -4.28
CIE LCh	89, 5.531, 309.234
Yxy	74.3996, 0.3097, 0.3184
Android (android.graphics.Color)	4293123816 (0xFFE3DEE8)
YUV	224.6350, 3.6309, 2.0741
Hunter-Lab	86.2552, -1.1909, 0.6520

Details

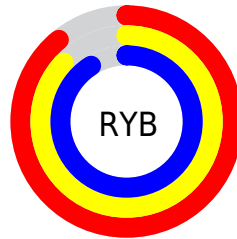
The XYZ color **72.3653, 74.3996, 86.8904** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7227, 79.3200, 80.5356**, and the grayscale version is **71.2828, 74.9950, 81.6696**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6684, 39.5427, 46.6687** is the 20% darker color. If you saturate the color by 10%, you get **63.0855, 61.0908, 84.8118**, and if you desaturate by 10%, it is **82.7439, 89.5376, 89.2664**.

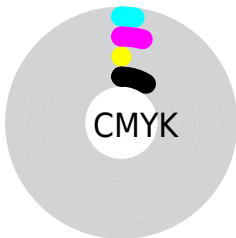
Distribution



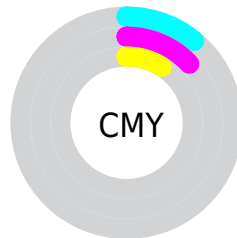
- Red (89%)
- Green (87%)
- Blue (91%)



- Red (89%)
- Yellow (87%)
- Blue (91%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3653, 74.3996, 86.8904 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 72.3653, 74.3996, 86.8904 by changing the saturation by 10% instead.

■ 72.3653, 74.3996,
86.8904

■ 72.3653, 74.3996,
86.8904

457.9500,
475.8514, 538.1695

■ 53.7437, 55.1212,
64.8454

121.5837,
125.4621, 144.9089

■ 38.6266, 39.4987,
46.8852

152.9113,
158.0150, 181.7195

■ 26.6488, 27.1479,
32.5912

189.2048,
195.7614, 224.2890

■ 17.4449, 17.6844,
21.5449

230.8297,
239.0858, 273.0360

■ 10.6494, 10.7236,
13.3278

278.1513,
288.3727, 328.3790

■ 5.8972, 5.8813,
7.5213

331.5350,

■ 2.8227, 2.7730,

344.0063, 390.7365

3.7068

391.3461,
406.3710, 460.5272

■ 1.0607, 1.0144,
1.4659

■ 0.0000, 0.0000,
0.1924

■ 72.3653, 74.3996,
86.8904

■ 72.3653, 74.3996,
86.8904

■ 63.0855, 61.0908,
84.8118

■ 82.7439, 89.5376,
89.2664

■ 54.8590, 49.5305,
83.0140

■ 89.8253, 97.7090,
90.4705

■ 47.6460, 39.6456,
81.4862

■ 91.5657, 98.6063,
90.5519

■ 41.4019, 31.3545,
80.2149

■ 36.0784, 24.5682,
79.1856

■ 31.6224, 19.1890,
78.3822

■ 27.9747, 15.1069,
77.7865

■ 25.0674, 12.1949,
77.3777

■ 22.8185, 10.2983,
77.1301

Harmonies

Analogous

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



71.1310, 74.3996, 88.5522



72.3653, 74.3996, 86.8904



73.1639, 74.3996, 83.6668

Triad

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



72.3653, 74.3996, 86.8904



71.6368, 74.3996, 74.2693



68.1890, 74.3996, 82.2046

Complementary

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



72.3653, 74.3996, 86.8904



73.7227, 79.3200, 80.5356

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.



68.3206, 74.3996, 78.4072



72.3653, 74.3996, 86.8904



70.2998, 74.3996, 73.9059

Square

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



72.3653, 74.3996, 86.8904



72.7396, 74.3996, 76.4073



69.0892, 74.3996, 75.3983



68.7275, 74.3996, 85.7909

Rectangle

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



72.3653, 74.3996, 86.8904



73.3359, 74.3996, 81.1077



69.0892, 74.3996, 75.3983



68.1565, 74.3996, 80.9094

Sweetspot

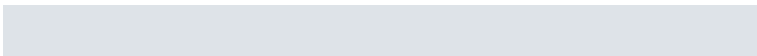
The Sweet Spot groups the original color and five complimentary colors.



72.3674, 74.4028, 86.8920



93.7742, 98.1427, 108.6087



72.2071, 76.3879, 87.2836



20.0850, 21.0262, 23.2498



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.



72.3674, 74.4028, 86.8920



88.8092, 90.9437, 107.4809



73.9135, 75.1998, 86.9644



15.0226, 15.3281, 18.3112



12.2271, 5.3692, 42.7751



1.0107, 0.4520, 3.1659

Inverse Universe

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



73.2677, 74.9477, 83.2815



90.1074, 91.7295, 102.2744



72.2194, 78.5450, 80.4653



15.2720, 15.4791, 17.3110



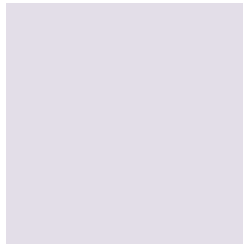
20.2900, 10.2502, 10.4222



1.5462, 0.7762, 1.0171

Previews

White Background



This preview shows how the XYZ color 72.3653, 74.3996, 86.8904 looks on a white background.

Color Contrast Check

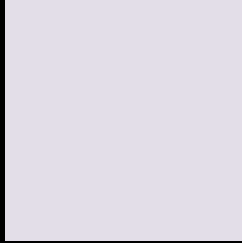
Large Text (above 18pt) WCAG AA × Fail

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 72.3653, 74.3996, 86.8904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

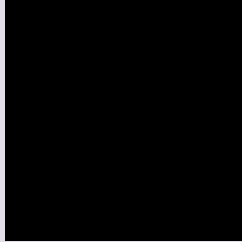
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

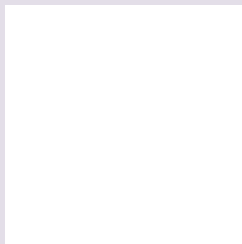
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3653, 74.3996, 86.8904

Background



This preview shows how black text looks on a background with the XYZ color 72.3653, 74.3996, 86.8904.

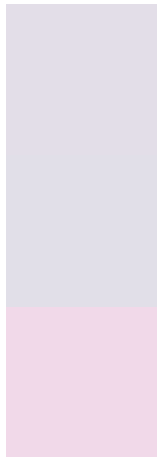


This preview shows how white text looks on a background with the XYZ color 72.3653, 74.3996,

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

72.3653, 74.3996, 86.8904

Protanopia

72.0045, 74.6091, 86.9499

Deuteranopia

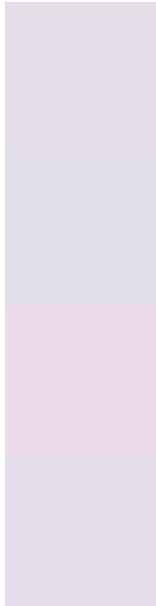
75.7965, 74.2097, 87.4198



Tritanopia

73.2840, 74.3799, 91.3832

Trichromacy



Original Color

72.3653, 74.3996, 86.8904

Protanomaly

72.3172, 74.7703, 86.9645

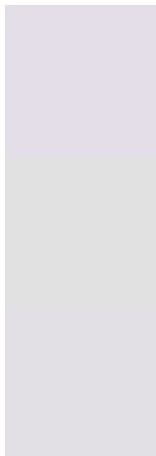
Deuteranomaly

74.6316, 74.3791, 87.5139

Tritanomaly

72.9917, 74.2630, 89.8440

Monochromacy



Original Color

72.3653, 74.3996, 86.8904

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0233, 75.0815, 84.0949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3653, 74.3996, 86.8904 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(227, 222, 232) looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 232)  
}
```

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(227, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 232) }
```

Border

The CSS property to change the border of an element to XYZ 72.3653, 74.3996, 86.8904 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(227, 222, 232) }
```


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

```
.border{ border-color:rgb(227, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3653, 74.3996, 86.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 232) }
```

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

```
.background{ background-color: rgb(227,  
222, 232) }
```

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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