

Converting Colors

XYZ(72.8311, 75.5999, 85.7317)

Have a look what the booklet for
XYZ(72.8311, 75.5999, 85.7317)
contains.

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Color

**XYZ(72.6171, 75.3554,
85.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E0E6
RGB	227, 224, 230
RGB Percent	89%, 88%, 90%
CMY	0.1098, 0.1215, 0.0980
CMYK	0.01, 0.03, 0.00, 0.10
HSL	270°, 11%, 89%
HSV	270°, 3%, 90%
XYZ	72.6171, 75.3554, 85.5806
YIQ	225.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

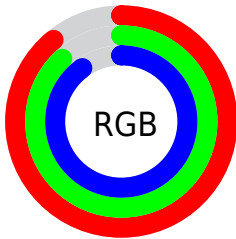
Format	Color
R_{YB}	227, 224, 230
Decimal	14934246
CIE Lab	89.56, 2.10, -2.57
CIE LCh	90, 3.319, 309.141
Yxy	75.3554, 0.3109, 0.3226
Android (android.graphics.Color)	4293124326 (0xFFE3E0E6)
YUV	225.5810, 2.1786, 1.2445
Hunter-Lab	86.8075, -2.5924, 2.3132

Details

The XYZ color **72.6171, 75.3554, 85.5806** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4328, 78.3084, 81.7696**, and the grayscale version is **71.9730, 75.7212, 82.4604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9391, 40.2417, 46.2726** is the 20% darker color. If you saturate the color by 10%, you get **63.3404, 62.0109, 83.4949**, and if you desaturate by 10%, it is **82.9769, 90.5037, 87.9596**.

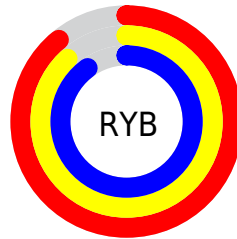
Distribution



Red (89%)

Green (88%)

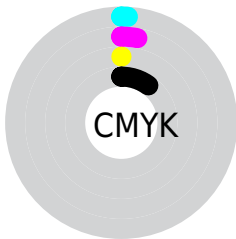
Blue (90%)



Red (89%)

Yellow (88%)

Blue (90%)

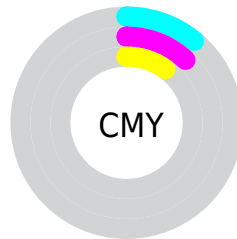


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (12%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6171, 75.3554, 85.5806 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 72.6171, 75.3554, 85.5806 by changing the saturation by 10% instead.

■ 72.6171, 75.3554,
85.5806

■ 72.6171, 75.3554,
85.5806

458.8110,
479.1382, 533.7419

■ 53.9502, 55.9041,
63.7683

121.9395,
126.8153, 143.0654

■ 38.7924, 40.1260,
46.0181

153.3258,
159.5927, 179.5751

■ 26.7782, 27.6368,
31.9113

189.6825,
197.5809, 221.8209

■ 17.5425, 18.0521,
21.0295

231.3751,
241.1644, 270.2215

■ 10.7197, 10.9874,
12.9541

278.7689,
290.7274, 325.1953

■ 5.9446, 6.0584,
7.2666

332.2292,

■ 2.8517, 2.8806,

346.6545, 387.1610

3.5484

392.1215,
409.3300, 456.5370

■ 1.0759, 1.0697,
1.3810

■ 0.0048, 0.0000,
0.1269

■ 72.6171, 75.3554,
85.5806

■ 72.6171, 75.3554,
85.5806

■ 63.3404, 62.0109,
83.4949

■ 82.9769, 90.5037,
87.9596

■ 55.1023, 50.3914,
81.6863

■ 89.4739, 97.5605,
88.9793

■ 47.8645, 40.4264,
80.1444

■ 91.2831, 98.4933,
89.0640

■ 41.5837, 32.0371,
78.8561

■ 36.2134, 25.1376,
77.8074

■ 31.7024, 19.6338,
76.9828

■ 27.9940, 15.4205,
76.3650

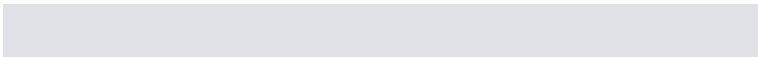
■ 25.0234, 12.3767,
75.9341

■ 22.7133, 10.3568,
75.6660

Harmonies

Analogous

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



71.8724, 75.3554, 86.5618



72.6171, 75.3554, 85.5806



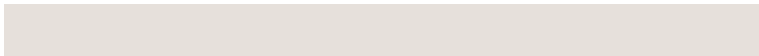
73.0979, 75.3554, 83.6581

Triad

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



72.6171, 75.3554, 85.5806



72.1826, 75.3554, 77.9252



70.0865, 75.3554, 82.7645

Complementary

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



72.6171, 75.3554, 85.5806



73.4328, 78.3084, 81.7696

Split Complementary

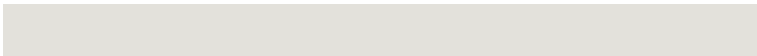
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1682, 75.3554, 80.4611



72.6171, 75.3554, 85.5806



71.3743, 75.3554, 77.6962

Square

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



72.6171, 75.3554, 85.5806



72.8457, 75.3554, 79.2479



70.6381, 75.3554, 78.6163



70.4141, 75.3554, 84.9158

Rectangle

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



72.6171, 75.3554, 85.5806



73.2019, 75.3554, 82.1165



70.6381, 75.3554, 78.6163



70.0671, 75.3554, 81.9820

Sweetspot

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



72.6193, 75.3586, 85.5822



93.7740, 98.1426, 108.6087



72.5227, 76.5562, 85.8185



20.0850, 21.0261, 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.



72.6193, 75.3586, 85.5822



91.2637, 94.4970, 108.0374



73.5418, 75.8342, 85.6254



15.4133, 15.8930, 18.3996



12.2240, 5.3676, 42.7749



1.0104, 0.4519, 3.1659

Inverse Universe

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



73.1566, 75.6839, 83.4298



92.0485, 94.9720, 104.8937



72.5257, 77.8407, 81.7272



15.5807, 15.9944, 17.7289



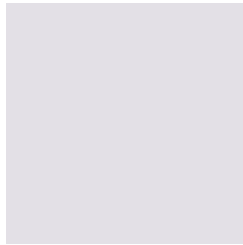
20.2914, 10.2508, 10.4294



1.5464, 0.7763, 1.0176

Previews

White Background



This preview shows how the XYZ color 72.6171, 75.3554, 85.5806 looks on a white background.

Color Contrast Check

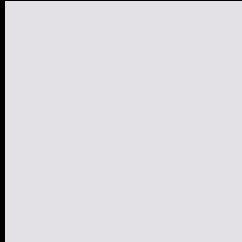
Large Text (above 18pt) WCAG AA × Fail

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 72.6171, 75.3554, 85.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

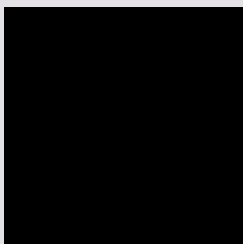
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

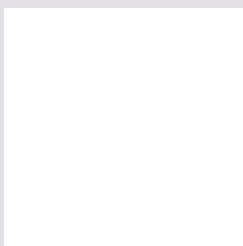
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6171, 75.3554, 85.5806

Background



This preview shows how black text looks on a background with the XYZ color 72.6171, 75.3554, 85.5806.



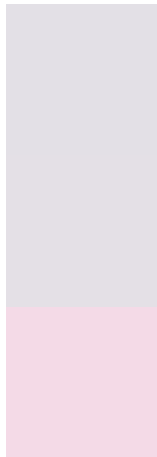
This preview shows how white text looks on a background with the XYZ color 72.6171, 75.3554,

85.5806.

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

72.6171, 75.3554, 85.5806

Protanopia

72.9335, 75.5185, 85.5954

Deuteranopia

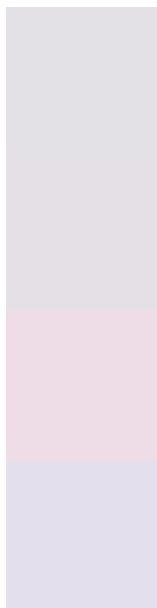
76.8034, 75.1454, 86.0578



Tritanopia

74.1626, 75.1918, 93.0428

Trichromacy



Original Color

72.6171, 75.3554, 85.5806

Protanomaly

72.9335, 75.5185, 85.5954

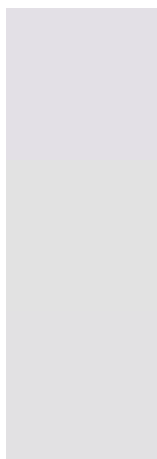
Deuteranomaly

75.2769, 75.1331, 86.1359

Tritanomaly

73.5229, 75.3255, 90.0211

Monochromacy



Original Color

72.6171, 75.3554, 85.5806

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1544, 75.5652, 83.4557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6171, 75.3554, 85.5806 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, 224, 230) looks like.

```
.text, #text, p{  
    color:rgb(227, 224, 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(227, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 224, 230) }
```

Border

The CSS property to change the border of an element to XYZ 72.6171, 75.3554, 85.5806 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, 224, 230) }
```


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

```
.border{ border-color:rgb(227, 224, 230) }
```

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

Here you see how a box with a 4 pixel rgb(227, 224, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 224,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6171, 75.3554, 85.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 224, 230) }
```

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

```
.background{ background-color: rgb(227,  
224, 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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