

Converting Colors

XYZ(75.5348, 77.9342, 91.9506)

Have a look what the booklet for
XYZ(75.5348, 77.9342, 91.9506)
contains.

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Color

**XYZ(75.5348, 77.9342,
91.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3EE
RGB	230, 227, 238
RGB Percent	90%, 89%, 93%
CMY	0.0980, 0.1098, 0.0667
CMYK	0.03, 0.05, 0.00, 0.07
HSL	256°, 24%, 91%
HSV	256°, 5%, 93%
XYZ	75.5348, 77.9342, 91.9506
YIQ	229.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

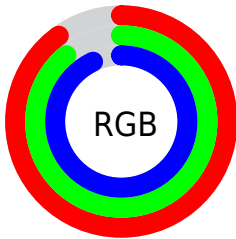
Format	Color
R_{YB}	230, 227, 238
Decimal	15131630
CIE _{Lab}	90.75, 3.00, -4.99
CIE _{LCh}	91, 5.826, 301.045
Y _{xy}	77.9342, 0.3078, 0.3176
Android (android.graphics.Color)	4293321710 (0xFFE6E3EE)
Y _{UV}	229.1510, 4.3626, 0.7446
Hunter-Lab	88.2803, -1.7617, 0.0413

Details

The XYZ color **75.5348, 77.9342, 91.9506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.7036, 84.3594, 84.8118**, and the grayscale version is **74.5590, 78.4419, 85.4232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8752, 41.9964, 50.2077** is the 20% darker color. If you saturate the color by 10%, you get **64.1870, 63.0813, 89.6830**, and if you desaturate by 10%, it is **88.3389, 94.8779, 94.5474**.

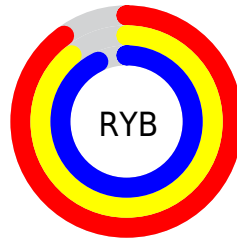
Distribution



Red (90%)

Green (89%)

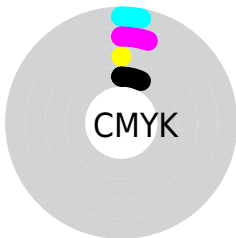
Blue (93%)



Red (90%)

Yellow (89%)

Blue (93%)

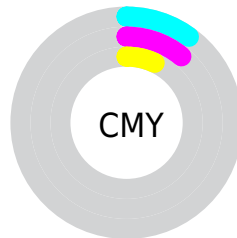


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (10%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5348, 77.9342, 91.9506 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 75.5348, 77.9342, 91.9506 by changing the saturation by 10% instead.

■ 75.5348, 77.9342,
91.9506

■ 75.5348, 77.9342,
91.9506

468.7226,
487.9433, 555.0888

■ 56.3468, 58.0199,
69.0168

126.0530,
130.4574, 152.0040

■ 40.7192, 41.8247,
50.2535

158.1139,
163.8350, 189.9607

■ 28.2864, 28.9640,
35.2423

195.1965,
202.4693, 233.7621

■ 18.6832, 19.0536,
23.5645

237.6662,
246.7446, 283.8268

■ 11.5443, 11.7090,
14.8017

285.8883,
297.0452, 340.5733

■ 6.5041, 6.5459,
8.5353

340.2282,

■ 3.1975, 3.1798,

353.7556, 404.4201

4.3467

401.0512,
417.2602, 475.7858

■ 1.2591, 1.2263,
1.8174

■ 0.1523, 0.0830,
0.4394

■ 75.5348, 77.9342,
91.9506

■ 75.5348, 77.9342,
91.9506

■ 64.1870, 63.0813,
89.6830

■ 88.3389, 94.8779,
94.5474

■ 54.2360, 50.2276,
87.7264

■ 92.4328, 98.9531,
95.1182

■ 45.6281, 39.2893,
86.0688

■ 38.3035, 30.1730,
84.6952

■ 32.1975, 22.7770,
83.5895

■ 27.2396, 16.9896,
82.7337

■ 23.3515, 12.6857,
82.1079

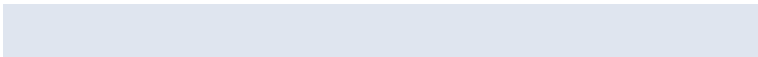
■ 20.4441, 9.7204,
81.6888

■ 18.4111, 7.9184,
81.4481

Harmonies

Analogous

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



74.1255, 77.9342, 93.1724



75.5348, 77.9342, 91.9506



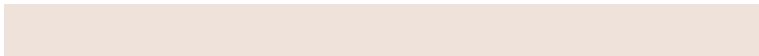
76.5637, 77.9342, 88.8187

Triad

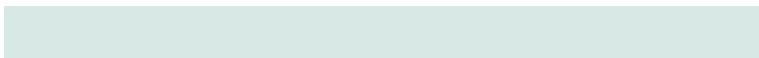
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5348, 77.9342, 91.9506



75.4448, 77.9342, 77.9991



71.2961, 77.9342, 85.0042

Complementary

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



75.5348, 77.9342, 91.9506



78.7036, 84.3594, 84.8118

Split Complementary

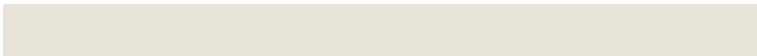
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6391, 77.9342, 81.0151



75.5348, 77.9342, 91.9506



74.0228, 77.9342, 77.0519

Square

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



75.5348, 77.9342, 91.9506



76.5112, 77.9342, 80.7685



72.6324, 77.9342, 78.1381



71.6893, 77.9342, 89.0814

Rectangle

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



75.5348, 77.9342, 91.9506



76.8887, 77.9342, 86.1177



72.6324, 77.9342, 78.1381



71.3291, 77.9342, 83.6089

Sweetspot

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



75.5371, 77.9375, 91.9523



93.5627, 98.0336, 108.5988



76.8413, 81.9612, 92.6602



20.0419, 21.0040, 23.2478



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.



75.5371, 77.9375, 91.9523



86.3846, 88.5733, 107.1511



77.3084, 78.8507, 92.0352



16.0224, 16.3825, 20.0393



9.9266, 4.1227, 45.4005



0.9180, 0.3905, 3.7812

Inverse Universe

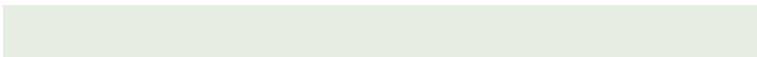
The Inverse Universe completely reimagines the original color for something new.



77.7271, 79.1170, 89.7757



89.6978, 90.3581, 103.8405



76.9365, 83.4484, 84.7291



16.7039, 16.7497, 19.3566



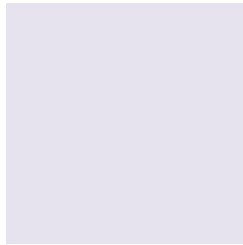
23.9448, 11.8504, 23.4237



2.0335, 1.0024, 2.1672

Previews

White Background



This preview shows how the XYZ color 75.5348, 77.9342, 91.9506 looks on a white background.

Color Contrast Check

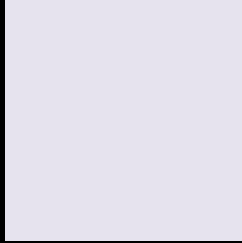
Large Text (above 18pt) WCAG AA × Fail

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 75.5348, 77.9342, 91.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

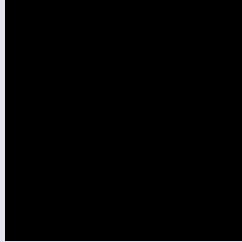
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

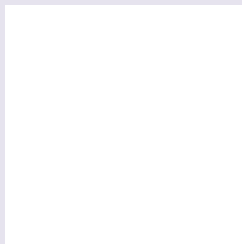
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5348, 77.9342, 91.9506

Background



This preview shows how black text looks on a background with the XYZ color 75.5348, 77.9342, 91.9506.



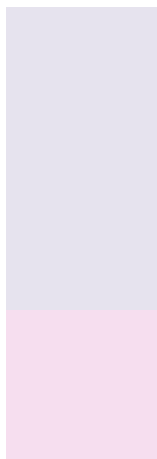
This preview shows how white text looks on a background with the XYZ color 75.5348, 77.9342,

91.9506.

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

75.5348, 77.9342, 91.9506

Protanopia

75.5348, 77.9342, 91.9506

Deuteranopia

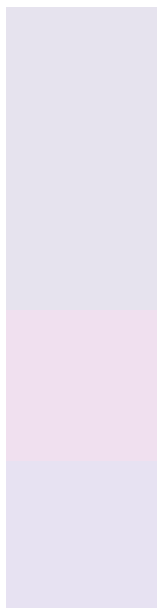
79.7073, 78.0674, 92.5288



Tritanopia

76.4805, 77.9133, 96.5958

Trichromacy



Original Color

75.5348, 77.9342, 91.9506

Protanomaly

75.5348, 77.9342, 91.9506

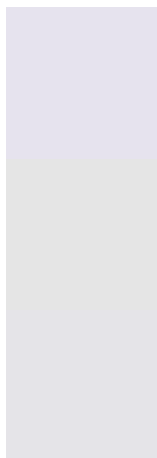
Deuteranomaly

78.1708, 78.0686, 92.6100

Tritanomaly

76.1784, 77.7924, 95.0048

Monochromacy



Original Color

75.5348, 77.9342, 91.9506

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6220, 77.9710, 87.4608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5348, 77.9342, 91.9506 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(230, 227, 238) looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 238)  
}
```

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(230, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.5348, 77.9342, 91.9506 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(230, 227, 238) }
```


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

```
.border{ border-color:rgb(230, 227, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5348, 77.9342, 91.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 238) }
```

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

```
.background{ background-color: rgb(230,  
227, 238) }
```

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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