

Converting Colors

XYZ(75.8227, 78.7896, 91.1076)

Have a look what the booklet for
XYZ(75.8227, 78.7896, 91.1076)
contains.

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Color

**XYZ(75.9385, 78.9760,
91.3623)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5ED
RGB	230, 229, 237
RGB Percent	90%, 90%, 93%
CMY	0.0980, 0.1019, 0.0706
CMYK	0.03, 0.03, 0.00, 0.07
HSL	247°, 18%, 91%
HSV	247°, 3%, 93%
XYZ	75.9385, 78.9760, 91.3623
YIQ	230.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

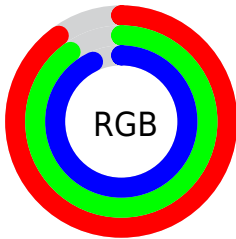
Format	Color
R _Y B	230, 229, 237
Decimal	15132141
CIE Lab	91.22, 1.79, -3.77
CIE LCh	91, 4.173, 295.355
Yxy	78.9760, 0.3083, 0.3207
Android (android.graphics.Color)	4293322221 (0xFFE6E5ED)
YUV	230.2110, 3.3470, -0.1850
Hunter-Lab	88.8684, -2.9907, 1.2541

Details

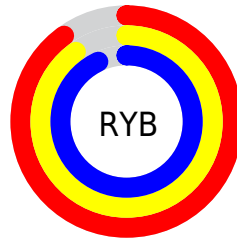
The XYZ color **75.9385, 78.9760, 91.3623** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0220, 84.0605, 86.1930**, and the grayscale version is **75.3489, 79.2729, 86.3282**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1557, 42.7223, 49.7931** is the 20% darker color. If you saturate the color by 10%, you get **63.5574, 63.5158, 89.0319**, and if you desaturate by 10%, it is **90.0118, 96.6418, 94.0316**.

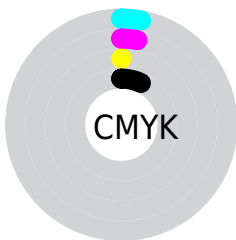
Distribution



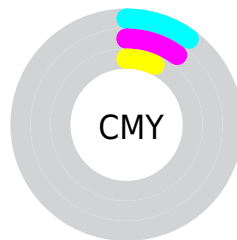
- Red (90%)
- Green (90%)
- Blue (93%)



- Red (90%)
- Yellow (90%)
- Blue (93%)



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



- Cyan (10%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9385, 78.9760, 91.3623 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 75.9385, 78.9760, 91.3623 by changing the saturation by 10% instead.

■ 75.9385, 78.9760,
91.3623

■ 75.9385, 78.9760,
91.3623

470.0848,
491.4751, 553.1365

■ 56.6790, 58.8761,
68.5310

126.6208,
131.9251, 151.1813

■ 40.9867, 42.5134,
49.8605

158.7742,
165.5430, 189.0060

■ 28.4963, 29.5035,
34.9321

195.9564,
204.4357, 232.6657

■ 18.8425, 19.4620,
23.3275

238.5326,
248.9877, 282.5788

■ 11.6598, 12.0046,
14.6279

286.8681,
299.5832, 339.1639

■ 6.5830, 6.7468,
8.4150

341.3285,

■ 3.2467, 3.3043,

356.6067, 402.8395

4.2700

402.2789,
420.4425, 474.0242

■ 1.2855, 1.2926,
1.7746

■ 0.1724, 0.1354,
0.4111

■ 75.9385, 78.9760,
91.3623

■ 75.9385, 78.9760,
91.3623

■ 63.5574, 63.5158,
89.0319

■ 90.0118, 96.6418,
94.0316

■ 52.7979, 50.1648,
87.0220

■ 92.2863, 98.8945,
94.3465

■ 43.5946, 38.8344,
85.3201

■ 35.8749, 29.4257,
83.9109

■ 29.5605, 21.8315,
82.7779

■ 24.5657, 15.9341,
81.9028

■ 20.7954, 11.6018,
81.2653

■ 18.1412, 8.6831,
80.8419

■ 16.4753, 6.9960,
80.6040

Harmonies

Analogous

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



74.8998, 78.9760, 91.9277



75.9385, 78.9760, 91.3623



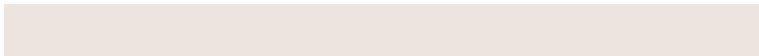
76.7497, 78.9760, 89.3448

Triad

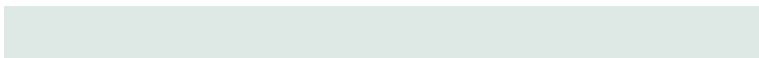
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9385, 78.9760, 91.3623



76.2263, 78.9760, 81.2887



73.0557, 78.9760, 85.5207

Complementary

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



75.9385, 78.9760, 91.3623



79.0220, 84.0605, 86.1930

Split Complementary

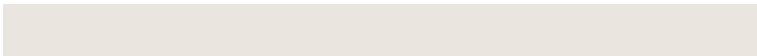
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4038, 78.9760, 82.7230



75.9385, 78.9760, 91.3623



75.2291, 78.9760, 80.3164

Square

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



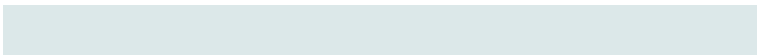
75.9385, 78.9760, 91.3623



76.9170, 78.9760, 83.5215



74.1969, 78.9760, 80.8353



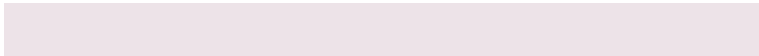
73.2417, 78.9760, 88.5096

Rectangle

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



75.9385, 78.9760, 91.3623



77.0490, 78.9760, 87.4722



74.1969, 78.9760, 80.8353



73.1140, 78.9760, 84.5274

Sweetspot

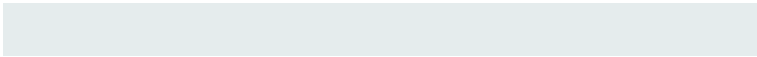
The Sweet Spot groups the original color and five complimentary colors.



75.9408, 78.9794, 91.3640



93.4254, 97.9629, 108.5924



77.6163, 82.8039, 92.0139



20.0140, 20.9896, 23.2465



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

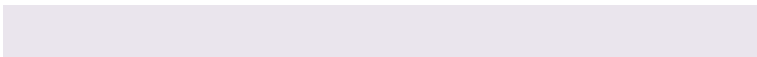
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9408, 78.9794, 91.3640



88.6729, 92.0095, 107.6938



77.2179, 79.6377, 91.4238



15.6638, 16.2111, 19.2257



8.6890, 3.5153, 43.9635



0.7389, 0.3052, 3.4548

Inverse Universe

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



78.0874, 80.1028, 90.7066



91.6779, 93.5823, 106.7698



77.7299, 83.3944, 86.1326



16.2941, 16.5410, 19.0311



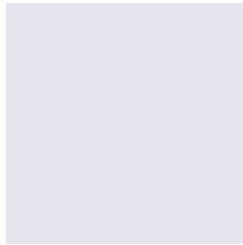
25.2816, 12.3153, 33.6136



2.0079, 0.9761, 2.7589

Previews

White Background



This preview shows how the XYZ color 75.9385, 78.9760, 91.3623 looks on a white background.

Color Contrast Check

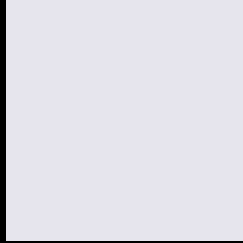
Large Text (above 18pt) WCAG AA × Fail

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 75.9385, 78.9760, 91.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

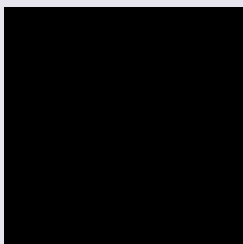
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

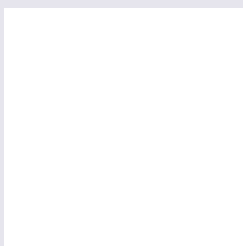
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9385, 78.9760, 91.3623

Background



This preview shows how black text looks on a background with the XYZ color 75.9385, 78.9760, 91.3623.



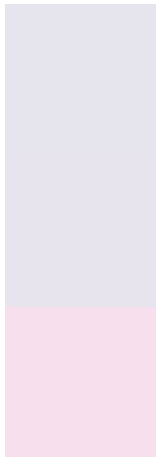
This preview shows how white text looks on a background with the XYZ color 75.9385, 78.9760,

91.3623.

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

75.9385, 78.9760, 91.3623

Protanopia

76.3082, 78.7570, 91.3005

Deuteranopia

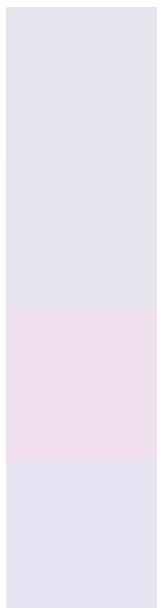
80.5317, 78.9049, 91.8746



Tritanopia

77.3330, 79.1296, 98.3864

Trichromacy



Original Color

75.9385, 78.9760, 91.3623

Protanomaly

75.9845, 78.5902, 91.2854

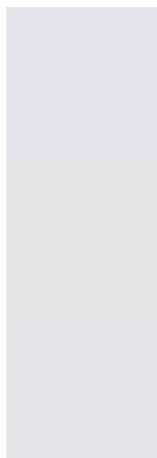
Deuteranomaly

78.6335, 78.7242, 91.9398

Tritanomaly

76.8761, 78.9468, 95.9805

Monochromacy



Original Color

75.9385, 78.9760, 91.3623

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6379, 79.2998, 88.4106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9385, 78.9760, 91.3623 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, 229, 237) looks like.

```
.text, #text, p{  
    color:rgb(230, 229, 237)  
}
```

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, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.9385, 78.9760, 91.3623 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, 229, 237) }
```


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

```
.border{ border-color:rgb(230, 229, 237) }
```

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

Here you see how a box with a 4 pixel rgb(230, 229, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9385, 78.9760, 91.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 237) }
```

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

```
.background{ background-color: rgb(230,  
229, 237) }
```

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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