

Converting Colors

XYZ(75.5889, 78.2481, 97.5056)

Have a look what the booklet for
XYZ(75.5889, 78.2481, 97.5056)
contains.

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Color

**XYZ(75.5889, 78.2481,
97.5056)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E4F5
RGB	226, 228, 245
RGB Percent	89%, 89%, 96%
CMY	0.1137, 0.1059, 0.0392
CMYK	0.08, 0.07, 0.00, 0.04
HSL	234°, 49%, 92%
HSV	234°, 8%, 96%
XYZ	75.5889, 78.2481, 97.5056
YIQ	229.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

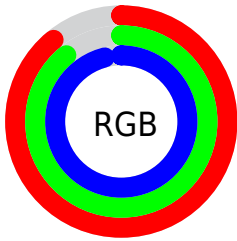
Format	Color
R _Y B	226, 228, 245
Decimal	14869749
CIE Lab	90.89, 2.50, -8.48
CIE LCh	91, 8.838, 286.420
Yxy	78.2481, 0.3007, 0.3113
Android (android.graphics.Color)	4293059829 (0xFFE2E4F5)
YUV	229.3400, 7.7204, -2.9292
Hunter-Lab	88.4580, -2.2700, -3.4337

Details

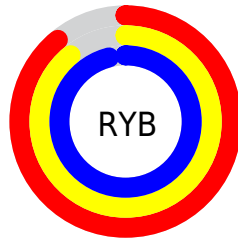
The XYZ color **75.5889, 78.2481, 97.5056** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.4346, 89.0041, 84.7351**, and the grayscale version is **74.6768, 78.5659, 85.5582**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9235, 42.2192, 54.1363** is the 20% darker color. If you saturate the color by 10%, you get **62.7967, 63.2648, 95.2890**, and if you desaturate by 10%, it is **90.2478, 95.3326, 100.0318**.

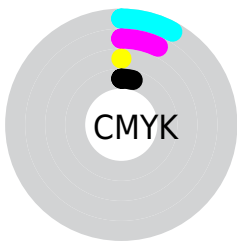
Distribution



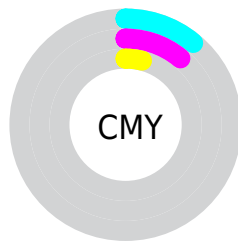
- Red (89%)
- Green (89%)
- Blue (96%)



- Red (89%)
- Yellow (89%)
- Blue (96%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5889, 78.2481, 97.5056 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 75.5889, 78.2481, 97.5056 by changing the saturation by 10% instead.

■ 75.5889, 78.2481,
97.5056

■ 75.5889, 78.2481,
97.5056

468.9053,
489.0090, 573.3436

■ 56.3913, 58.2778,
73.6138

126.1291,
130.8998, 159.7469

■ 40.7550, 42.0320,
53.9831

158.2024,
164.3500, 198.9335

■ 28.3145, 29.1264,
38.1951

195.2984,
203.0623, 244.0554

■ 18.7046, 19.1764,
25.8311

237.7824,
247.4211, 295.5311

■ 11.5597, 11.7978,
16.4727

286.0197,
297.8108, 353.7793

■ 6.5147, 6.6062,
9.7013

340.3757,

■ 3.2041, 3.2171,

354.6157, 419.2184

5.0984

401.2158,
418.2203, 492.2670

■ 1.2626, 1.2461,
2.2453

■ 0.1550, 0.0989,
0.7004

■ 75.5889, 78.2481,
97.5056

■ 75.5889, 78.2481,
97.5056

■ 62.7967, 63.2648,
95.2890

■ 90.2478, 95.3326,
100.0318

■ 51.7895, 50.2919,
93.3651

■ 93.4817, 99.3727,
100.6412

■ 42.4897, 39.2466,
91.7233

■ 34.8112, 30.0365,
90.3503

■ 28.6607, 22.5617,
89.2316

■ 23.9350, 16.7125,
88.3517

■ 20.5180, 12.3668,
87.6930

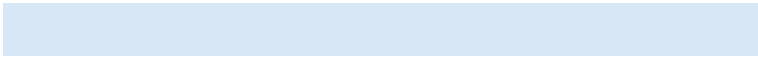
■ 18.2751, 9.3846,
87.2356

■ 17.0340, 7.5951,
86.9556

Harmonies

Analogous

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



73.3721, 78.2481, 97.6778



75.5889, 78.2481, 97.5056



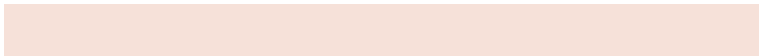
77.5162, 78.2481, 93.9312

Triad

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



75.5889, 78.2481, 97.5056



77.3621, 78.2481, 76.6243



70.2893, 78.2481, 82.3531

Complementary

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



75.5889, 78.2481, 97.5056



83.4346, 89.0041, 84.7351

Split Complementary

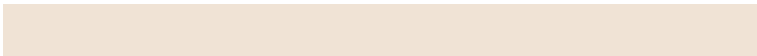
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3149, 78.2481, 77.0253



75.5889, 78.2481, 97.5056



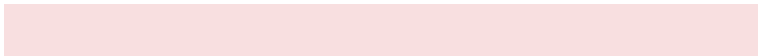
75.3819, 78.2481, 73.8308

Square

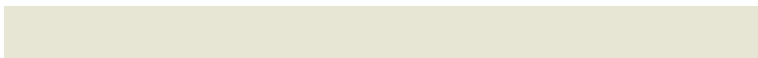
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5889, 78.2481, 97.5056



78.5539, 78.2481, 81.7807



73.1692, 78.2481, 73.9739



70.3421, 78.2481, 88.7110

Rectangle

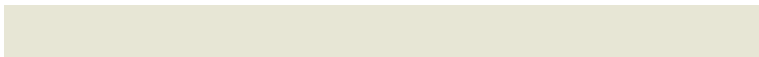
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5889, 78.2481, 97.5056



78.3644, 78.2481, 90.1969



73.1692, 78.2481, 73.9739



70.5184, 78.2481, 80.3890

Sweetspot

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



75.5912, 78.2514, 97.5073



91.7603, 96.1691, 108.3339



80.1628, 87.9329, 97.3715



19.6749, 20.6243, 23.1939



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.



75.5912, 78.2514, 97.5073



80.9016, 83.4975, 106.4604



77.3761, 78.3583, 97.4339



15.7217, 16.2078, 20.8424



9.1225, 4.0387, 46.8368



0.8475, 0.4464, 4.1317

Inverse Universe

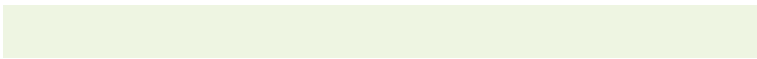
The Inverse Universe completely reimagines the original color for something new.



78.8580, 79.4084, 84.5736



85.0295, 84.9689, 90.1151



81.5460, 88.9253, 84.8194



16.5701, 16.5109, 17.4829



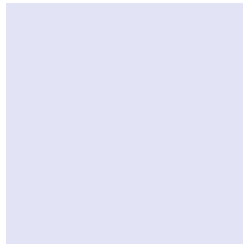
20.4091, 10.5071, 1.5968



1.8168, 0.9327, 0.2618

Previews

White Background



This preview shows how the XYZ color 75.5889, 78.2481, 97.5056 looks on a white background.

Color Contrast Check

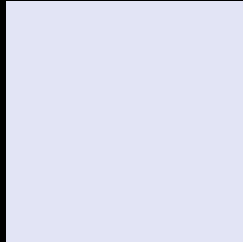
Large Text (above 18pt) WCAG AA × Fail

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 75.5889, 78.2481, 97.5056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

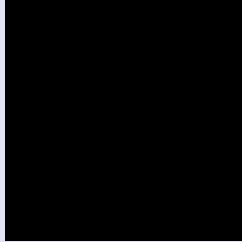
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5889, 78.2481, 97.5056

Background



This preview shows how black text looks on a background with the XYZ color 75.5889, 78.2481, 97.5056.



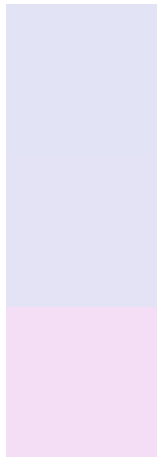
This preview shows how white text looks on a background with the XYZ color 75.5889, 78.2481,

97.5056.

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

75.5889, 78.2481, 97.5056

Protanopia

75.9454, 78.0247, 97.4437

Deuteranopia

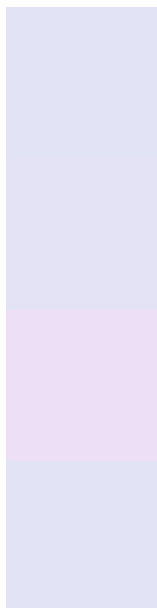
79.7180, 77.9511, 98.0332



Tritanopia

75.7420, 78.3094, 98.3120

Trichromacy



Original Color

75.5889, 78.2481, 97.5056

Protanomaly

75.6291, 77.8616, 97.4289

Deuteranomaly

78.2153, 77.9697, 98.1160

Tritanomaly

75.7420, 78.3094, 98.3120

Monochromacy



Original Color

75.5889, 78.2481, 97.5056

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.0096, 78.5308, 89.8018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5889, 78.2481, 97.5056 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(226, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 245)  
}
```

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(226, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.5889, 78.2481, 97.5056 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(226, 228, 245) }
```


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

```
.border{ border-color:rgb(226, 228, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5889, 78.2481, 97.5056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 245) }
```

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

```
.background{ background-color: rgb(226,  
228, 245) }
```

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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