

Converting Colors

XYZ(76.2527, 79.0102, 97.9398)

Have a look what the booklet for
XYZ(76.2527, 79.0102, 97.9398)
contains.

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Color

**XYZ(76.1793, 78.9621,
97.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5F5
RGB	227, 229, 245
RGB Percent	89%, 90%, 96%
CMY	0.1098, 0.1019, 0.0392
CMYK	0.07, 0.07, 0.00, 0.04
HSL	233°, 47%, 93%
HSV	233°, 7%, 96%
XYZ	76.1793, 78.9621, 97.6123
YIQ	230.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

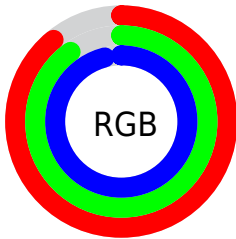
Format	Color
R _Y B	227, 229, 245
Decimal	14935541
CIE Lab	91.22, 2.30, -7.99
CIE LCh	91, 8.315, 286.088
Yxy	78.9621, 0.3014, 0.3124
Android (android.graphics.Color)	4293125621 (0xFFE3E5F5)
YUV	230.2260, 7.2836, -2.8292
Hunter-Lab	88.8606, -2.4799, -2.9269

Details

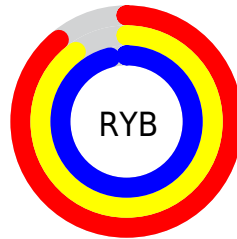
The XYZ color **76.1793, 78.9621, 97.6123** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.5721, 89.0590, 85.4598**, and the grayscale version is **75.3342, 79.2574, 86.3113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3346, 42.7169, 54.2107** is the 20% darker color. If you saturate the color by 10%, you get **63.3439, 63.9575, 95.3938**, and if you desaturate by 10%, it is **90.8745, 96.0514, 100.1376**.

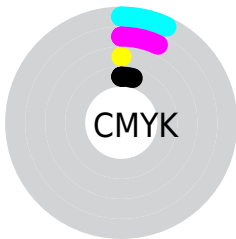
Distribution



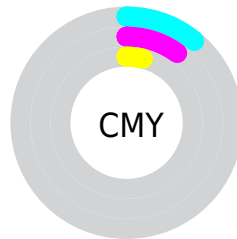
- Red (89%)
- Green (90%)
- Blue (96%)



- Red (89%)
- Yellow (90%)
- Blue (96%)



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



- Cyan (11%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1793, 78.9621, 97.6123 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 76.1793, 78.9621, 97.6123 by changing the saturation by 10% instead.

■ 76.1793, 78.9621,
97.6123

■ 76.1793, 78.9621,
97.6123

470.8962,
491.4281, 573.6912

■ 56.8771, 58.8646,
73.7022

126.9593,
131.9055, 159.8952

■ 41.1463, 42.5042,
54.0551

159.1679,
165.5202, 199.1051

■ 28.6216, 29.4963,
38.2522

196.4093,
204.4095, 244.2520

■ 18.9376, 19.4566,
25.8751

239.0489,
248.9578, 295.7546

■ 11.7289, 12.0006,
16.5053

287.4520,
299.5494, 354.0312

■ 6.6303, 6.7441,
9.7242

341.9840,

■ 3.2762, 3.3026,

356.5687, 419.5005

5.1133

403.0103,
420.4001, 492.5810

■ 1.3015, 1.2917,
2.2540

■ 0.1843, 0.1347,
0.7053

■ 76.1793, 78.9621,
97.6123

■ 76.1793, 78.9621,
97.6123

■ 63.3439, 63.9575,
95.3938

■ 90.8745, 96.0514,
100.1376

■ 52.2872, 50.9480,
93.4655

■ 93.4817, 99.3727,
100.6412

■ 42.9326, 39.8524,
91.8169

■ 35.1951, 30.5798,
90.4349

■ 28.9821, 23.0322,
89.3055

■ 24.1920, 17.1022,
88.4134

■ 20.7102, 12.6700,
87.7414

■ 18.4044, 9.5992,
87.2702

■ 17.1082, 7.7249,
86.9767

Harmonies

Analogous

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



74.0813, 78.9621, 97.7365



76.1793, 78.9621, 97.6123



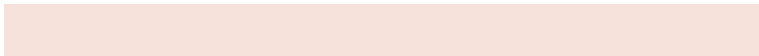
78.0074, 78.9621, 94.2763

Triad

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



76.1793, 78.9621, 97.6123



77.8959, 78.9621, 77.8863



71.1872, 78.9621, 83.2170

Complementary

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



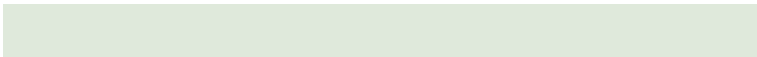
76.1793, 78.9621, 97.6123



83.5721, 89.0590, 85.4598

Split Complementary

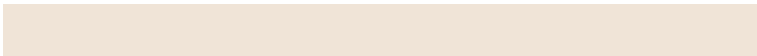
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1704, 78.9621, 78.1784



76.1793, 78.9621, 97.6123



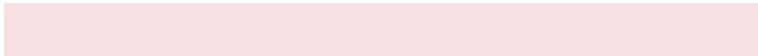
76.0293, 78.9621, 75.1995

Square

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



76.1793, 78.9621, 97.6123



79.0111, 78.9621, 82.8012



73.9341, 78.9621, 75.3038



71.2257, 78.9621, 89.2315

Rectangle

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



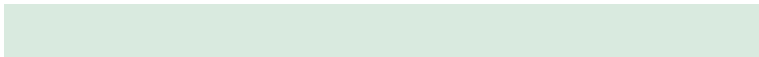
76.1793, 78.9621, 97.6123



78.8156, 78.9621, 90.7651



73.9341, 78.9621, 75.3038



71.4084, 78.9621, 81.3590

Sweetspot

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



76.1816, 78.9654, 97.6140



91.7696, 96.1877, 108.3371



80.4948, 88.1020, 97.4789



19.6768, 20.6281, 23.1945



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.



76.1816, 78.9654, 97.6140



80.9401, 83.5745, 106.4732



77.8507, 79.0077, 97.5342



15.7296, 16.2236, 20.8450



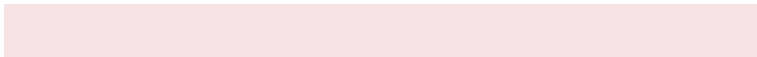
9.1419, 4.0776, 46.8432



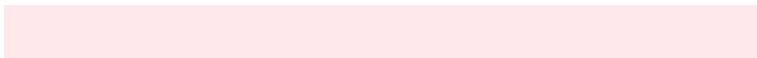
0.8512, 0.4539, 4.1330

Inverse Universe

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



79.2699, 80.0094, 85.3980



85.0490, 84.9767, 90.2175



81.8123, 89.0466, 85.5502



16.5741, 16.5125, 17.5038



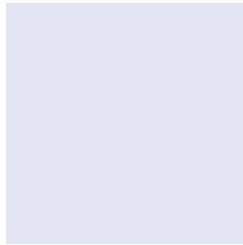
20.4189, 10.5110, 1.6485



1.8187, 0.9335, 0.2718

Previews

White Background



This preview shows how the XYZ color 76.1793, 78.9621, 97.6123 looks on a white background.

Color Contrast Check

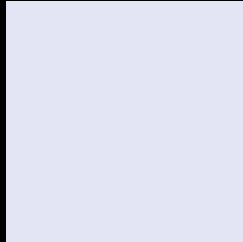
Large Text (above 18pt) WCAG AA × Fail

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 76.1793, 78.9621, 97.6123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

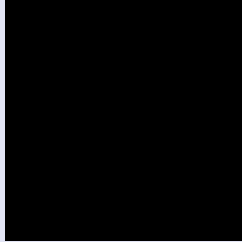
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1793, 78.9621, 97.6123

Background



This preview shows how black text looks on a background with the XYZ color 76.1793, 78.9621, 97.6123.



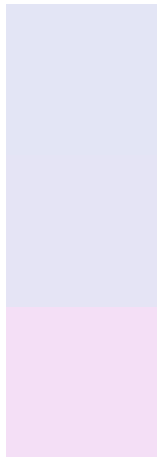
This preview shows how white text looks on a background with the XYZ color 76.1793, 78.9621,

97.6123.

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

76.1793, 78.9621, 97.6123

Protanopia

76.5379, 78.7374, 97.5501

Deuteranopia

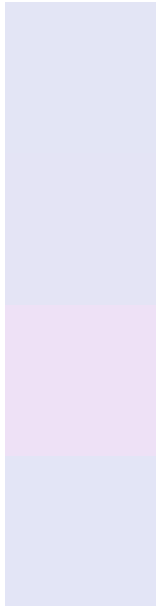
80.3305, 78.6623, 98.1382



Tritanopia

76.4864, 79.0849, 99.2293

Trichromacy



Original Color

76.1793, 78.9621, 97.6123

Protanomaly

76.2197, 78.5734, 97.5352

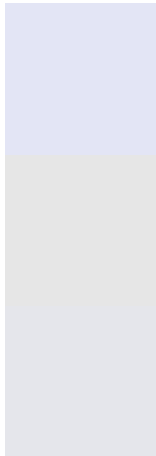
Deuteranomaly

78.8197, 78.6814, 98.2216

Tritanomaly

76.3324, 79.0233, 98.4187

Monochromacy



Original Color

76.1793, 78.9621, 97.6123

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6053, 79.2498, 89.9092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1793, 78.9621, 97.6123 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, 229, 245) looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 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(227, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 245) }
```

Border

The CSS property to change the border of an element to XYZ 76.1793, 78.9621, 97.6123 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, 229, 245) }
```


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

```
.border{ border-color:rgb(227, 229, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 245);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1793, 78.9621, 97.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 245) }
```

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

```
.background{ background-color: rgb(227,  
229, 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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