

Converting Colors

XYZ(77.1520, 79.4986, 96.0724)

Have a look what the booklet for
XYZ(77.1520, 79.4986, 96.0724)
contains.

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Color

**XYZ(77.1520, 79.4986,
96.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E5F3
RGB	231, 229, 243
RGB Percent	91%, 90%, 95%
CMY	0.0941, 0.1019, 0.0471
CMYK	0.05, 0.06, 0.00, 0.05
HSL	249°, 37%, 93%
HSV	249°, 6%, 95%
XYZ	77.1520, 79.4986, 96.0724
YIQ	231.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

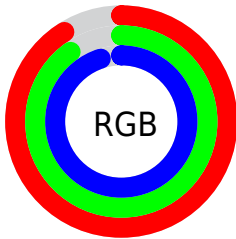
Format	Color
R _Y B	231, 229, 243
Decimal	15197683
CIE Lab	91.46, 3.23, -6.55
CIE LCh	91, 7.304, 296.230
Yxy	79.4986, 0.3053, 0.3146
Android (android.graphics.Color)	4293387763 (0xFFE7E5F3)
YUV	231.1940, 5.8204, -0.1701
Hunter-Lab	89.1620, -1.5772, -1.4718

Details

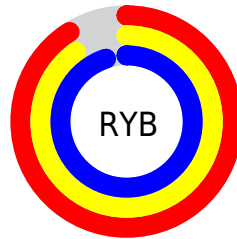
The XYZ color **77.1520, 79.4986, 96.0724** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4719, 88.4611, 86.8606**, and the grayscale version is **76.0618, 80.0230, 87.1450**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7849, 42.9739, 53.1062** is the 20% darker color. If you saturate the color by 10%, you get **64.5651, 63.7193, 93.6913**, and if you desaturate by 10%, it is **91.4850, 97.5795, 98.8081**.

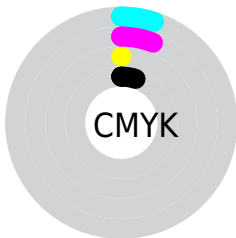
Distribution



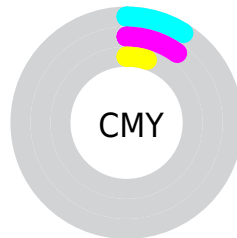
- Red (91%)
- Green (90%)
- Blue (95%)



- Red (91%)
- Yellow (90%)
- Blue (95%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1520, 79.4986, 96.0724 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 77.1520, 79.4986, 96.0724 by changing the saturation by 10% instead.

■ 77.1520, 79.4986,
96.0724

■ 77.1520, 79.4986,
96.0724

474.1661,
493.2415, 568.6643

■ 57.6780, 59.3058,
72.4260

128.3257,
132.6606, 157.7536

■ 41.7921, 42.8594,
53.0178

160.7562,
166.3985, 196.6256

■ 29.1289, 29.7748,
37.4292

198.2361,
205.4204, 241.4099

■ 19.3231, 19.6677,
25.2416

241.1309,
250.1105, 292.5249

■ 12.0094, 12.1537,
16.0365

289.8060,
300.8533, 350.3894

■ 6.8223, 6.8485,
9.3953

344.6266,

■ 3.3966, 3.3675,

358.0331, 415.4217

4.8996

405.9582,
422.0344, 488.0405

■ 1.3668, 1.3265,
2.1308

■ 0.2324, 0.1616,
0.6340

■ 77.1520, 79.4986,
96.0724

■ 77.1520, 79.4986,
96.0724

■ 64.5651, 63.7193,
93.6913

■ 91.4850, 97.5795,
98.8081

■ 53.6505, 50.1391,
91.6453

■ 93.1779, 99.2512,
99.0416

■ 44.3394, 38.6633,
89.9210

■ 36.5554, 29.1857,
88.5019

■ 30.2161, 21.5914,
87.3702

■ 25.2307, 15.7532,
86.5061

■ 21.4984, 11.5284,
85.8873

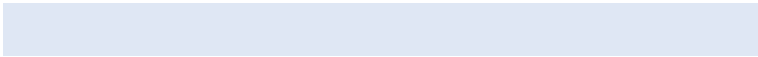
■ 18.9034, 8.7513,
85.4880

■ 17.3071, 7.2193,
85.2765

Harmonies

Analogous

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



75.3263, 79.4986, 97.1830



77.1520, 79.4986, 96.0724



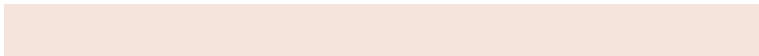
78.5717, 79.4986, 92.3767

Triad

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



77.1520, 79.4986, 96.0724



77.5655, 79.4986, 78.3260



72.0499, 79.4986, 85.8891

Complementary

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



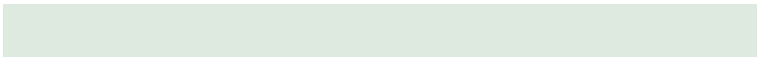
77.1520, 79.4986, 96.0724



82.4719, 88.4611, 86.8606

Split Complementary

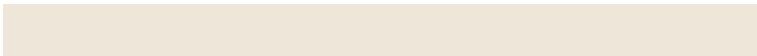
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6283, 79.4986, 80.9936



77.1520, 79.4986, 96.0724



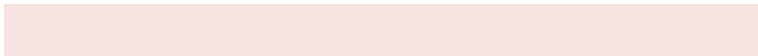
75.7963, 79.4986, 76.7416

Square

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



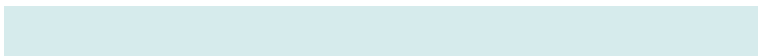
77.1520, 79.4986, 96.0724



78.8132, 79.4986, 82.1140



73.9921, 79.4986, 77.6980



72.3996, 79.4986, 91.1646

Rectangle

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



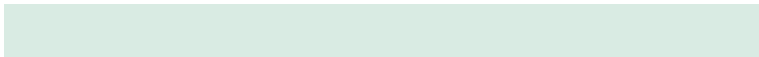
77.1520, 79.4986, 96.0724



79.0864, 79.4986, 89.0201



73.9921, 79.4986, 77.6980



72.1420, 79.4986, 84.1465

Sweetspot

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



77.1543, 79.5020, 96.0741



91.8542, 95.9692, 108.2904



79.9881, 86.1208, 97.2023



19.6941, 20.5836, 23.1850



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.



77.1543, 79.5020, 96.0741



84.2098, 86.3474, 106.8361



79.4148, 80.6673, 96.1799



16.3392, 16.7158, 20.9079



9.3192, 3.7786, 46.7762



0.8851, 0.3661, 4.1143

Inverse Universe

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



80.8614, 81.4477, 94.6820



89.2103, 88.9723, 104.9443



80.1714, 87.2752, 86.7530



17.3957, 17.2704, 20.5068



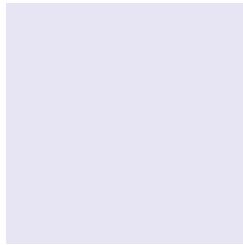
26.5959, 12.9818, 34.1760



2.3648, 1.1519, 3.1474

Previews

White Background



This preview shows how the XYZ color 77.1520, 79.4986, 96.0724 looks on a white background.

Color Contrast Check

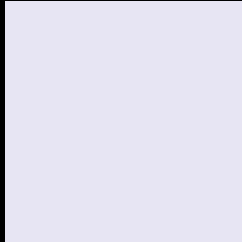
Large Text (above 18pt) WCAG AA × Fail

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 77.1520, 79.4986, 96.0724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

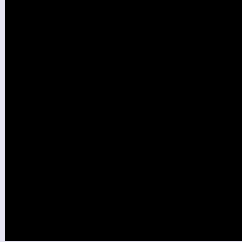
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

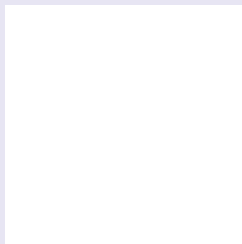
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.1520, 79.4986, 96.0724

Background



This preview shows how black text looks on a background with the XYZ color 77.1520, 79.4986, 96.0724.



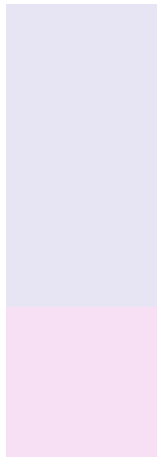
This preview shows how white text looks on a background with the XYZ color 77.1520, 79.4986,

96.0724.

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

77.1520, 79.4986, 96.0724

Protanopia

77.1520, 79.4986, 96.0724

Deuteranopia

81.3426, 79.6171, 96.6684



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

77.1520, 79.4986, 96.0724

Protanomaly

77.1520, 79.4986, 96.0724

Deuteranomaly

79.8011, 79.6251, 96.7512

Tritanomaly

77.5035, 79.2352, 97.5952

Monochromacy



Original Color

77.1520, 79.4986, 96.0724

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.2472, 79.5807, 89.9392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1520, 79.4986, 96.0724 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(231, 229, 243) looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 243)  
}
```

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(231, 229, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 243) }
```

Border

The CSS property to change the border of an element to XYZ 77.1520, 79.4986, 96.0724 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(231, 229, 243) }
```


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

```
.border{ border-color:rgb(231, 229, 243) }
```

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

Here you see how a box with a 4 pixel rgb(231, 229, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 243);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1520, 79.4986, 96.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 243) }
```

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

```
.background{ background-color: rgb(231,  
229, 243) }
```

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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