

Converting Colors

XYZ(79.2849, 80.4497, 96.8903)

Have a look what the booklet for
XYZ(79.2849, 80.4497, 96.8903)
contains.

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Color

**XYZ(79.2735, 80.5748,
96.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE5F4
RGB	237, 229, 244
RGB Percent	93%, 90%, 96%
CMY	0.0706, 0.1019, 0.0431
CMYK	0.03, 0.06, 0.00, 0.04
HSL	272°, 41%, 93%
HSV	272°, 6%, 96%
XYZ	79.2735, 80.5748, 96.9623
YIQ	233.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

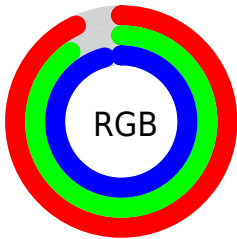
Format	Color
R _Y B	237, 229, 244
Decimal	15590900
CIE Lab	91.94, 5.38, -6.31
CIE LCh	92, 8.295, 310.472
Yxy	80.5748, 0.3087, 0.3138
Android (android.graphics.Color)	4293780980 (0xFFE5F4)
YUV	233.1020, 5.3727, 3.4185
Hunter-Lab	89.7635, 0.5540, -1.2105

Details

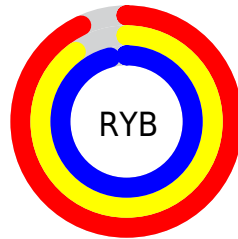
The XYZ color **79.2735, 80.5748, 96.9623** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.0886, 88.1935, 86.8820**, and the grayscale version is **77.4918, 81.5274, 88.7833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2692, 43.7267, 53.7365** is the 20% darker color. If you saturate the color by 10%, you get **69.3090, 66.1120, 94.6971**, and if you desaturate by 10%, it is **90.4331, 97.0668, 99.5586**.

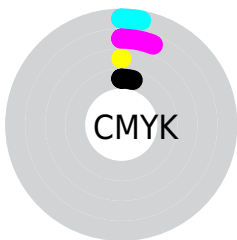
Distribution



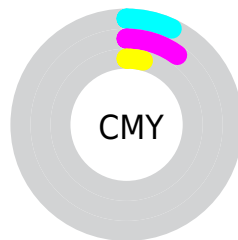
- Red (93%)
- Green (90%)
- Blue (96%)



- Red (93%)
- Yellow (90%)
- Blue (96%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2735, 80.5748, 96.9623 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 79.2735, 80.5748, 96.9623 by changing the saturation by 10% instead.

79.2735, 80.5748,
96.9623

79.2735, 80.5748,
96.9623

481.2550,
496.8678, 571.5722

59.4271, 60.1915,
73.1634

131.2997,
134.1736, 158.9916

43.2047, 43.5730,
53.6169

164.2103,
168.1578, 198.0592

30.2410, 30.3349,
37.9044

202.2062,
207.4444, 243.0533

20.1706, 20.0930,
25.6072

245.6530,
252.4179, 294.3926

12.6281, 12.4626,
16.3069

294.9159,
303.4626, 352.4956

7.2482, 7.0596,
9.5849

350.3603,

3.6655, 3.4994,

360.9629, 417.7808

5.0226

412.3515,
425.3032, 490.6669

■ 1.5147, 1.3977,
2.2016

■ 0.3358, 0.2150,
0.6753

■ 79.2735, 80.5748,
96.9623

■ 79.2735, 80.5748,
96.9623

■ 69.3090, 66.1120,
94.6971

■ 90.4331, 97.0668,
99.5586

■ 60.4887, 53.5869,
92.7444

■ 93.3294, 99.3117,
99.8393

■ 52.7684, 42.9164,
91.0917

■ 46.0978, 34.0073,
89.7236

■ 40.4226, 26.7579,
88.6235

■ 35.6828, 21.0559,
87.7727

■ 31.8112, 16.7743,
87.1503

■ 28.7296, 13.7652,
86.7319

■ 26.3423, 11.8451,
86.4871

Harmonies

Analogous

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



77.3308, 80.5748, 99.7808



79.2735, 80.5748, 96.9623



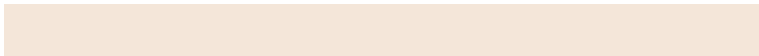
80.5097, 80.5748, 91.7123

Triad

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



79.2735, 80.5748, 96.9623



77.9613, 80.5748, 77.1340



72.6262, 80.5748, 89.8817

Complementary

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



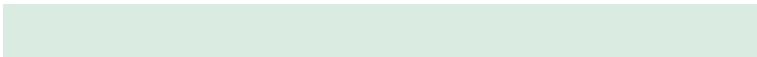
79.2735, 80.5748, 96.9623



81.0886, 88.1935, 86.8820

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.



72.7879, 80.5748, 83.8691



79.2735, 80.5748, 96.9623



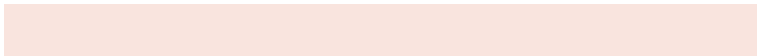
75.8419, 80.5748, 76.6949

Square

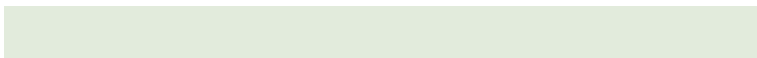
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2735, 80.5748, 96.9623



79.7424, 80.5748, 80.3361



73.9559, 80.5748, 79.1074



73.5100, 80.5748, 95.5689

Rectangle

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



79.2735, 80.5748, 96.9623



80.7534, 80.5748, 87.6357



73.9559, 80.5748, 79.1074



72.5605, 80.5748, 87.8289

Sweetspot

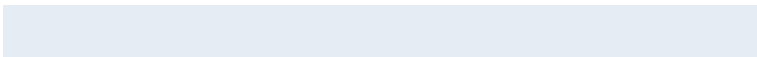
The Sweet Spot groups the original color and five complimentary colors.



79.2758, 80.5782, 96.9641



92.5741, 96.3404, 108.3241



78.7128, 83.3277, 97.5244



19.8407, 20.6592, 23.1918



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.



79.2758, 80.5782, 96.9641



86.6184, 87.5891, 106.9489



81.6210, 81.7916, 96.8758



16.8472, 16.9777, 20.9316



14.0528, 6.2188, 46.9977



1.3537, 0.6077, 4.1362

Inverse Universe

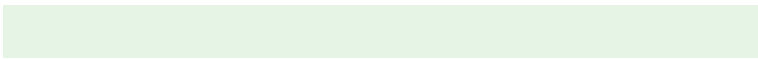
The Inverse Universe completely reimagines the original color for something new.



80.4707, 81.3315, 90.8182



88.1228, 88.5373, 99.2173



78.8446, 87.0326, 86.9593



17.1657, 17.1784, 19.2958



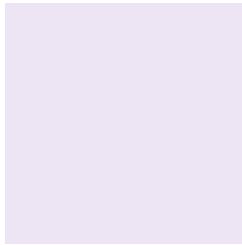
22.0020, 11.1442, 9.9849



1.9852, 1.0000, 1.1483

Previews

White Background



This preview shows how the XYZ color 79.2735, 80.5748, 96.9623 looks on a white background.

Color Contrast Check

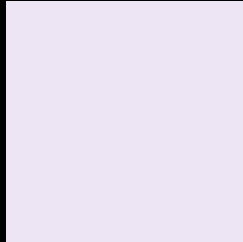
Large Text (above 18pt) WCAG AA × Fail

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 79.2735, 80.5748, 96.9623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

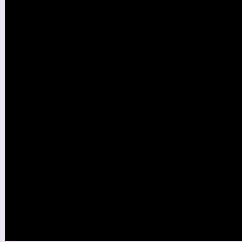
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

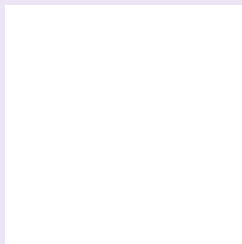
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2735, 80.5748, 96.9623

Background



This preview shows how black text looks on a background with the XYZ color 79.2735, 80.5748, 96.9623.



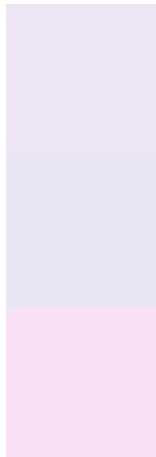
This preview shows how white text looks on a background with the XYZ color 79.2735, 80.5748,

96.9623.

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

79.2735, 80.5748, 96.9623

Protanopia

78.0570, 80.3420, 97.7797

Deuteranopia

82.1180, 80.3995, 97.5768



Tritanopia

79.7329, 80.7585, 99.3813

Trichromacy



Original Color

79.2735, 80.5748, 96.9623

Protanomaly

78.7099, 80.6786, 97.8103

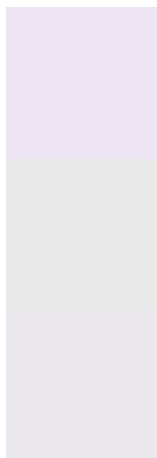
Deuteranomaly

80.9860, 80.2184, 97.6015

Tritanomaly

79.5789, 80.6970, 98.5706

Monochromacy



Original Color

79.2735, 80.5748, 96.9623

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0744, 81.3201, 91.7021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2735, 80.5748, 96.9623 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(237, 229, 244) looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 244)  
}
```

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(237, 229, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.2735, 80.5748, 96.9623 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(237, 229, 244) }
```


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

```
.border{ border-color:rgb(237, 229, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 229, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 229, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 229, 244);  
box-shadow:4px 4px 4px 4px rgb(237, 229,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2735, 80.5748, 96.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 244) }
```

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

```
.background{ background-color: rgb(237,  
229, 244) }
```

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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