

Converting Colors

XYZ(79.9651, 81.2987, 99.7567)

Have a look what the booklet for XYZ(79.9651, 81.2987, 99.7567) contains.

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Color

**XYZ(80.0104, 81.3136,
99.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE6F7
RGB	237, 230, 247
RGB Percent	93%, 90%, 97%
CMY	0.0706, 0.0980, 0.0314
CMYK	0.04, 0.07, 0.00, 0.03
HSL	265°, 52%, 94%
HSV	265°, 7%, 97%
XYZ	80.0104, 81.3136, 99.4738
YIQ	234.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

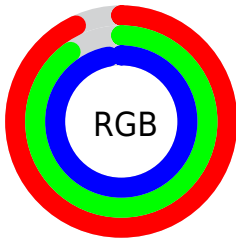
Format	Color
R _Y B	237, 230, 247
Decimal	15591159
CIE Lab	92.27, 5.42, -7.39
CIE LCh	92, 9.165, 306.257
Yxy	81.3136, 0.3068, 0.3118
Android (android.graphics.Color)	4293781239 (0xFFE6F7)
YUV	234.0310, 6.3937, 2.6038
Hunter-Lab	90.1741, 0.5764, -2.2828

Details

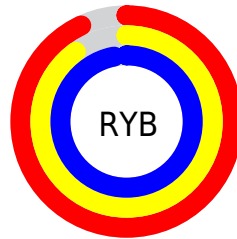
The XYZ color **80.0104, 81.3136, 99.4738** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4819, 90.7622, 87.9859**, and the grayscale version is **78.1861, 82.2579, 89.5788**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7900, 44.2453, 55.5224** is the 20% darker color. If you saturate the color by 10%, you get **68.9613, 66.1282, 97.1263**, and if you desaturate by 10%, it is **92.4314, 98.6565, 102.1679**.

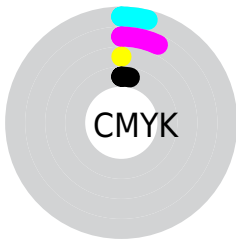
Distribution



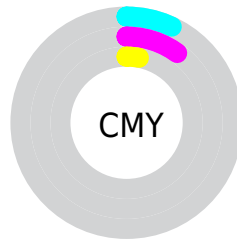
- Red (93%)
- Green (90%)
- Blue (97%)



- Red (93%)
- Yellow (90%)
- Blue (97%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0104, 81.3136, 99.4738 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 80.0104, 81.3136, 99.4738 by changing the saturation by 10% instead.

80.0104, 81.3136,
99.4738

80.0104, 81.3136,
99.4738

483.7039,
499.3488, 579.7366

60.0354, 60.7999,
75.2467

132.3308,
135.2110, 162.4794

43.6967, 44.0637,
55.3121

165.4069,
169.3635, 202.0951

30.6291, 30.7206,
39.2514

203.5808,
208.8311, 247.6773

20.4670, 20.3862,
26.6460

247.2178,
253.9982, 299.6447

12.8452, 12.6761,
17.0774

296.6832,
305.2490, 358.4158

7.3983, 7.2059,
10.1272

352.3425,

3.7609, 3.5912,

362.9682, 424.4091

5.3767

414.5609,
427.5400, 498.0432

■ 1.5678, 1.4476,
2.4073

■ 0.3713, 0.2514,
0.7904

■ 80.0104, 81.3136,
99.4738

■ 80.0104, 81.3136,
99.4738

■ 68.9613, 66.1282,
97.1263

■ 92.4314, 98.6565,
102.1679

■ 59.2271, 53.0037,
95.1061

■ 93.7887, 99.4955,
102.2583

■ 50.7568, 41.8512,
93.3999

■ 43.4933, 32.5716,
91.9915

■ 37.3749, 25.0566,
90.8635

■ 32.3334, 19.1864,
89.9961

■ 28.2929, 14.8257,
89.3674

■ 25.1652, 11.8167,
88.9514

■ 22.8411, 9.9597,
88.7155

Harmonies

Analogous

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



77.7835, 81.3136, 102.1422



80.0104, 81.3136, 99.4738



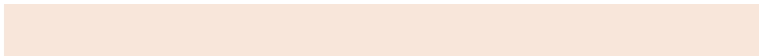
81.5294, 81.3136, 93.8916

Triad

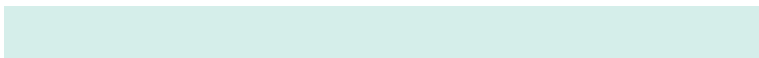
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0104, 81.3136, 99.4738



79.1340, 81.3136, 77.1285



72.8477, 81.3136, 89.9656

Complementary

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



80.0104, 81.3136, 99.4738



83.4819, 90.7622, 87.9859

Split Complementary

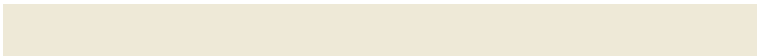
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1927, 81.3136, 83.3893



80.0104, 81.3136, 99.4738



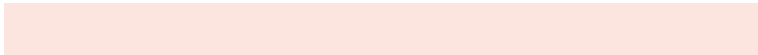
76.7909, 81.3136, 76.1964

Square

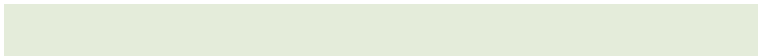
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0104, 81.3136, 99.4738



81.0162, 81.3136, 81.0463



74.6244, 81.3136, 78.4322



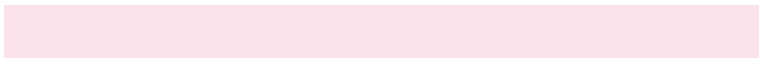
73.6723, 81.3136, 96.4749

Rectangle

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



80.0104, 81.3136, 99.4738



81.9193, 81.3136, 89.3907



74.6244, 81.3136, 78.4322



72.8310, 81.3136, 87.6882

Sweetspot

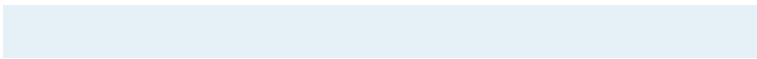
The Sweet Spot groups the original color and five complimentary colors.



80.0128, 81.3171, 99.4756



92.3492, 96.2244, 108.3136



80.6436, 85.9793, 100.3422



19.7949, 20.6355, 23.1897



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.



80.0128, 81.3171, 99.4756



84.6052, 85.4621, 106.6444



82.8487, 82.7791, 99.6083



16.2273, 16.2598, 20.8258



11.9094, 5.1139, 46.8974



1.1605, 0.5081, 4.1271

Inverse Universe

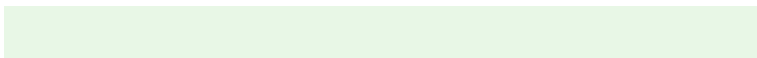
The Inverse Universe completely reimagines the original color for something new.



82.3857, 82.6628, 94.0555



87.5611, 87.1387, 99.8789



80.7280, 89.3425, 87.8570



16.9082, 16.6461, 19.2631



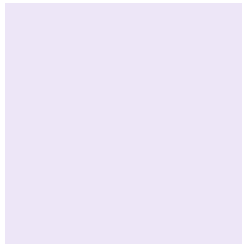
23.0747, 11.5733, 15.6337



2.0791, 1.0376, 1.6427

Previews

White Background



This preview shows how the XYZ color 80.0104, 81.3136, 99.4738 looks on a white background.

Color Contrast Check

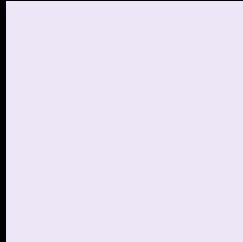
Large Text (above 18pt) WCAG AA × Fail

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 80.0104, 81.3136, 99.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

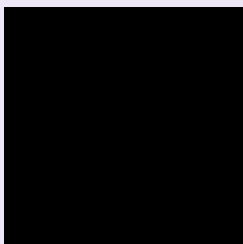
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0104, 81.3136, 99.4738

Background



This preview shows how black text looks on a background with the XYZ color 80.0104, 81.3136, 99.4738.



This preview shows how white text looks on a background with the XYZ color 80.0104, 81.3136,

99.4738.

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

80.0104, 81.3136, 99.4738

Protanopia

79.1235, 81.2528, 100.3200

Deuteranopia

83.2066, 81.3098, 100.1158



Tritanopia

80.1651, 81.3755, 100.2888

Trichromacy



Original Color

80.0104, 81.3136, 99.4738

Protanomaly

79.4509, 81.4216, 100.3354

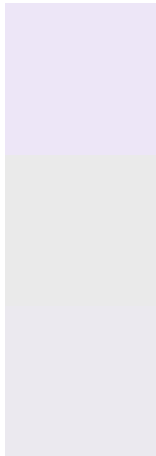
Deuteranomaly

82.0686, 81.1280, 100.1407

Tritanomaly

80.1651, 81.3755, 100.2888

Monochromacy



Original Color

80.0104, 81.3136, 99.4738

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9799, 82.1720, 93.3595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0104, 81.3136, 99.4738 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, 230, 247) looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 247)  
}
```

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, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 247) }
```

Border

The CSS property to change the border of an element to XYZ 80.0104, 81.3136, 99.4738 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, 230, 247) }
```


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

```
.border{ border-color:rgb(237, 230, 247) }
```

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

Here you see how a box with a 4 pixel rgb(237, 230, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0104, 81.3136, 99.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 247) }
```

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

```
.background{ background-color: rgb(237,  
230, 247) }
```

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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