

Converting Colors

XYZ(77.9437, 80.5703, 95.9349)

Have a look what the booklet for
XYZ(77.9437, 80.5703, 95.9349)
contains.

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Color

**XYZ(78.0323, 80.7787,
96.2731)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E7F3
RGB	232, 231, 243
RGB Percent	91%, 91%, 95%
CMY	0.0902, 0.0941, 0.0471
CMYK	0.05, 0.05, 0.00, 0.05
HSL	245°, 33%, 93%
HSV	245°, 5%, 95%
XYZ	78.0323, 80.7787, 96.2731
YIQ	232.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

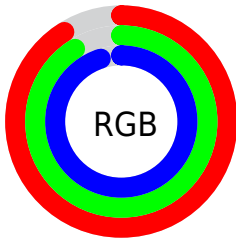
Format	Color
R _Y B	232, 231, 243
Decimal	15263731
CIE Lab	92.03, 2.52, -5.70
CIE LCh	92, 6.230, 293.886
Yxy	80.7787, 0.3059, 0.3167
Android (android.graphics.Color)	4293453811 (0xFFE8E7F3)
YUV	232.6670, 5.0942, -0.5850
Hunter-Lab	89.8770, -2.3088, -0.5955

Details

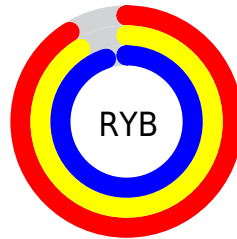
The XYZ color **78.0323, 80.7787, 96.2731** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0953, 88.7501, 88.3562**, and the grayscale version is **77.1685, 81.1872, 88.4129**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2041, 43.4779, 53.1814** is the 20% darker color. If you saturate the color by 10%, you get **64.9181, 64.6147, 93.8456**, and if you desaturate by 10%, it is **92.9148, 99.1155, 99.0293**.

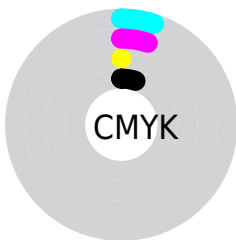
Distribution



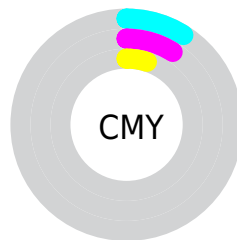
- Red (91%)
- Green (91%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0323, 80.7787, 96.2731 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 78.0323, 80.7787, 96.2731 by changing the saturation by 10% instead.

■ 78.0323, 80.7787,
96.2731

■ 78.0323, 80.7787,
96.2731

477.1146,
497.5532, 569.3208

■ 58.4034, 60.3594,
72.5923

129.5608,
134.4600, 158.0329

■ 42.3776, 43.7083,
53.1529

162.1911,
168.4907, 196.9491

■ 29.5894, 30.4413,
37.5363

199.8858,
207.8274, 241.7807

■ 19.6737, 20.1738,
25.3239

243.0105,
252.8543, 292.9465

■ 12.2650, 12.5214,
16.0973

291.9303,
303.9560, 350.8648

■ 6.9979, 7.0998,
9.4380

347.0107,

■ 3.5071, 3.5246,

361.5168, 415.9543

4.9272

408.6170,
425.9211, 488.6334

■ 1.4272, 1.4114,
2.1466

■ 0.2755, 0.2251,
0.6433

■ 78.0323, 80.7787,
96.2731

■ 78.0323, 80.7787,
96.2731

■ 64.9181, 64.6147,
93.8456

■ 92.9148, 99.1155,
99.0293

■ 53.5899, 50.7134,
91.7594

■ 93.1779, 99.2512,
99.0416

■ 43.9723, 38.9769,
90.0009

■ 35.9821, 29.2959,
88.5534

■ 29.5288, 21.5520,
87.3988

■ 24.5132, 15.6144,
86.5171

■ 20.8244, 11.3362,
85.8858

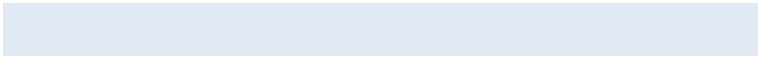
■ 18.3350, 8.5471,
85.4786

■ 16.8923, 7.0401,
85.2638

Harmonies

Analogous

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



76.4500, 80.7787, 97.0246



78.0323, 80.7787, 96.2731



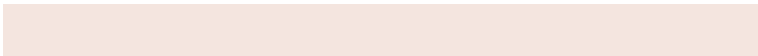
79.2942, 80.7787, 93.2591

Triad

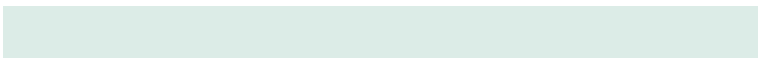
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0323, 80.7787, 96.2731



78.6083, 80.7787, 81.0156



73.7543, 80.7787, 87.0177

Complementary

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



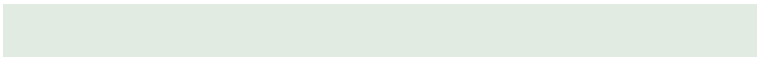
78.0323, 80.7787, 96.2731



83.0953, 88.7501, 88.3562

Split Complementary

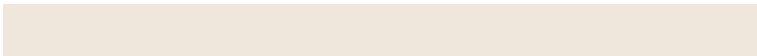
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3151, 80.7787, 82.8545



78.0323, 80.7787, 96.2731



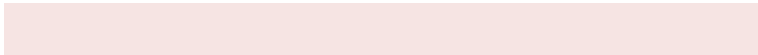
77.1064, 80.7787, 79.4677

Square

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



78.0323, 80.7787, 96.2731



79.6300, 80.7787, 84.4289



75.5367, 80.7787, 80.1290



73.9944, 80.7787, 91.5765

Rectangle

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



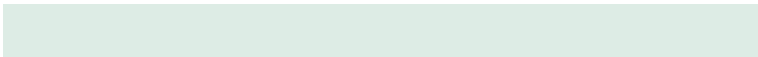
78.0323, 80.7787, 96.2731



79.7765, 80.7787, 90.4265



75.5367, 80.7787, 80.1290



73.8551, 80.7787, 85.5275

Sweetspot

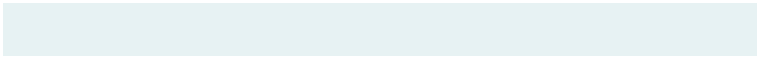
The Sweet Spot groups the original color and five complimentary colors.



78.0346, 80.7821, 96.2749



93.3869, 97.9430, 108.5906



80.9469, 87.0854, 97.3380



20.0062, 20.9855, 23.2461



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.



78.0346, 80.7821, 96.2749



85.3875, 88.0593, 107.1045



79.9492, 81.7691, 96.3645



16.5464, 17.0258, 20.9568



9.0835, 3.6570, 46.7651



0.8413, 0.3436, 4.1122

Inverse Universe

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



81.5679, 82.6209, 95.6568



90.1579, 90.5421, 106.2632



81.1354, 87.7397, 88.2645



17.5747, 17.5610, 20.7746



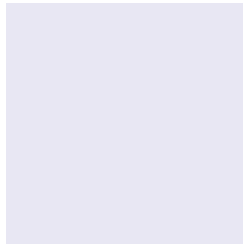
27.6071, 13.3863, 39.5010



2.4436, 1.1834, 3.5624

Previews

White Background



This preview shows how the XYZ color 78.0323, 80.7787, 96.2731 looks on a white background.

Color Contrast Check

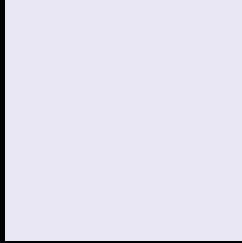
Large Text (above 18pt) WCAG AA × Fail

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 78.0323, 80.7787, 96.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

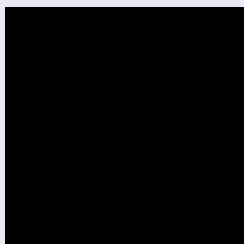
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

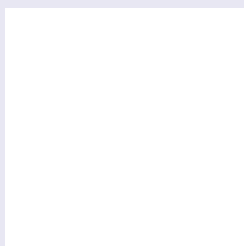
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.0323, 80.7787, 96.2731

Background



This preview shows how black text looks on a background with the XYZ color 78.0323, 80.7787, 96.2731.



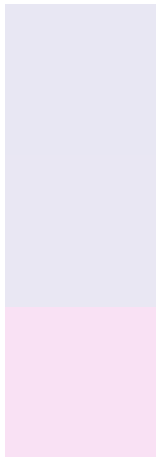
This preview shows how white text looks on a background with the XYZ color 78.0323, 80.7787,

96.2731.

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

78.0323, 80.7787, 96.2731

Protanopia

78.3578, 80.9465, 96.2884

Deuteranopia

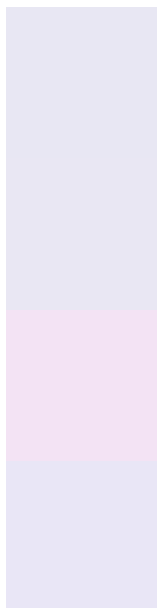
82.3213, 80.5218, 96.7914



Tritanopia

78.8444, 80.6946, 100.2270

Trichromacy



Original Color

78.0323, 80.7787, 96.2731

Protanomaly

78.3578, 80.9465, 96.2884

Deuteranomaly

80.7604, 80.5245, 96.8742

Tritanomaly

78.5356, 80.5711, 98.6013

Monochromacy



Original Color

78.0323, 80.7787, 96.2731

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7469, 81.1513, 91.6868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0323, 80.7787, 96.2731 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(232, 231, 243) looks like.

```
.text, #text, p{  
    color:rgb(232, 231, 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(232, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 231, 243) }
```

Border

The CSS property to change the border of an element to XYZ 78.0323, 80.7787, 96.2731 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(232, 231, 243) }
```


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

```
.border{ border-color:rgb(232, 231, 243) }
```

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

Here you see how a box with a 4 pixel rgb(232, 231, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(232, 231,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0323, 80.7787, 96.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 231, 243) }
```

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

```
.background{ background-color: rgb(232,  
231, 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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