

Converting Colors

XYZ(77.4358, 79.9503, 94.7040)

Have a look what the booklet for
XYZ(77.4358, 79.9503, 94.7040)
contains.

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Color

**XYZ(77.4527, 80.1003,
94.5978)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E6F1
RGB	232, 230, 241
RGB Percent	91%, 90%, 95%
CMY	0.0902, 0.0980, 0.0549
CMYK	0.04, 0.05, 0.00, 0.05
HSL	251°, 28%, 92%
HSV	251°, 5%, 95%
XYZ	77.4527, 80.1003, 94.5978
YIQ	231.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

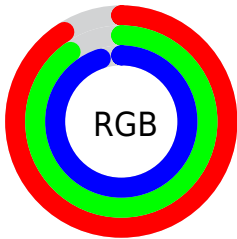
Format	Color
R _Y B	232, 230, 241
Decimal	15263473
CIE Lab	91.73, 2.67, -5.10
CIE LCh	92, 5.755, 297.618
Yxy	80.1003, 0.3072, 0.3177
Android (android.graphics.Color)	4293453553 (0xFFE8E6F1)
YUV	231.8520, 4.5100, 0.1298
Hunter-Lab	89.4988, -2.1480, -0.0188

Details

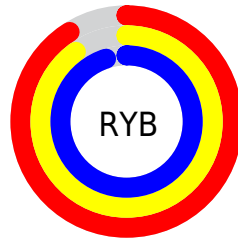
The XYZ color **77.4527, 80.1003, 94.5978** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.3378, 86.9766, 87.3681**, and the grayscale version is **76.5616, 80.5488, 87.7176**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9914, 43.3928, 52.0614** is the 20% darker color. If you saturate the color by 10%, you get **65.1572, 64.4862, 92.2332**, and if you desaturate by 10%, it is **91.3987, 97.9461, 97.3086**.

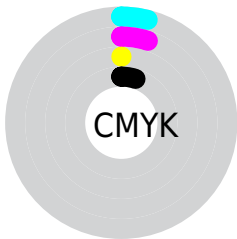
Distribution



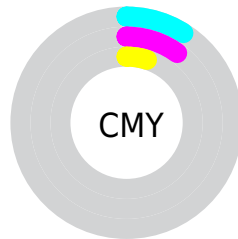
- Red (91%)
- Green (90%)
- Blue (95%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4527, 80.1003, 94.5978 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 77.4527, 80.1003, 94.5978 by changing the saturation by 10% instead.

■ 77.4527, 80.1003,
94.5978

■ 77.4527, 80.1003,
94.5978

475.1744,
495.2708, 563.8280

■ 57.9257, 59.8009,
71.2052

128.7478,
133.5067, 155.6996

■ 41.9920, 43.2582,
52.0268

161.2466,
167.3826, 194.2460

■ 29.2861, 30.0877,
36.6441

198.8000,
206.5526, 238.6806

■ 19.4427, 19.9052,
24.6384

241.7735,
251.4014, 289.4222

■ 12.0965, 12.3261,
15.5913

290.5323,
302.3132, 346.8892

■ 6.8821, 6.9662,
9.0842

345.4418,

■ 3.4341, 3.4410,

359.6724, 411.5001

4.6986

406.8674,
423.8635, 483.6735

■ 1.3873, 1.3661,
2.0159

■ 0.2471, 0.1915,
0.5650

■ 77.4527, 80.1003,
94.5978

■ 77.4527, 80.1003,
94.5978

■ 65.1572, 64.4862,
92.2332

■ 91.3987, 97.9461,
97.3086

■ 54.4437, 51.0057,
90.1959

■ 92.8774, 99.1310,
97.4593

■ 45.2493, 39.5687,
88.4729

■ 37.5041, 30.0744,
87.0486

■ 31.1326, 22.4135,
85.9057

■ 26.0521, 16.4660,
85.0255

■ 22.1711, 12.0969,
84.3867

■ 19.3850, 9.1507,
83.9649

■ 17.5697, 7.4390,
83.7302

Harmonies

Analogous

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



76.0153, 80.1003, 95.5688



77.4527, 80.1003, 94.5978



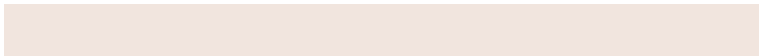
78.5485, 80.1003, 91.6298

Triad

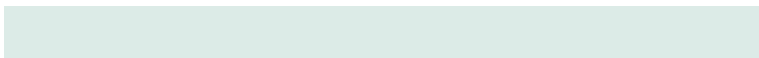
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4527, 80.1003, 94.5978



77.6590, 80.1003, 80.5470



73.3396, 80.1003, 86.8790

Complementary

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



77.4527, 80.1003, 94.5978



81.3378, 86.9766, 87.3681

Split Complementary

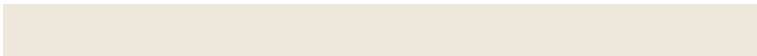
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7674, 80.1003, 82.9455



77.4527, 80.1003, 94.5978



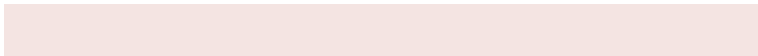
76.2507, 80.1003, 79.3639

Square

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



77.4527, 80.1003, 94.5978



78.6687, 80.1003, 83.5112



74.8282, 80.1003, 80.2278



73.6522, 80.1003, 91.0279

Rectangle

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



77.4527, 80.1003, 94.5978



78.9314, 80.1003, 88.9656



74.8282, 80.1003, 80.2278



73.4014, 80.1003, 85.4887

Sweetspot

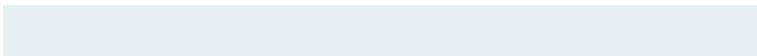
The Sweet Spot groups the original color and five complimentary colors.



77.4550, 80.1037, 94.5996



93.4782, 97.9901, 108.5949



79.4283, 85.0068, 95.4419



20.0248, 20.9951, 23.2470



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.



77.4550, 80.1037, 94.5996



87.3811, 90.2075, 107.4140



79.2132, 81.0101, 94.6818



16.1830, 16.6618, 20.0847



9.2477, 3.7728, 45.3687



0.8437, 0.3522, 3.7777

Inverse Universe

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



80.1553, 81.5300, 93.1777



90.7461, 91.9850, 105.6379



79.5632, 86.0618, 87.2851



16.8946, 17.0376, 19.7078



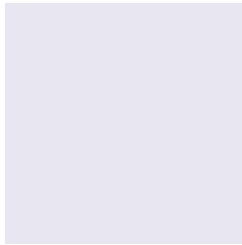
25.1982, 12.3517, 30.0237



2.1280, 1.0402, 2.6647

Previews

White Background



This preview shows how the XYZ color 77.4527, 80.1003, 94.5978 looks on a white background.

Color Contrast Check

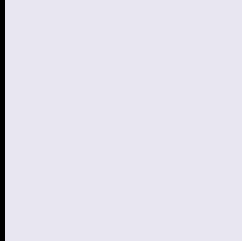
Large Text (above 18pt) WCAG AA × Fail

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 77.4527, 80.1003, 94.5978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

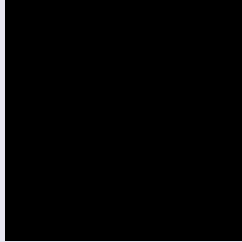
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

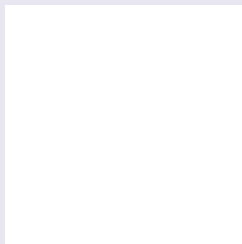
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.4527, 80.1003, 94.5978

Background



This preview shows how black text looks on a background with the XYZ color 77.4527, 80.1003, 94.5978.



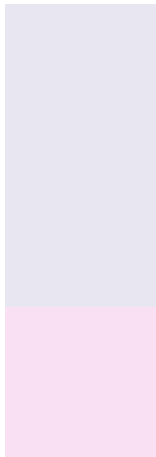
This preview shows how white text looks on a background with the XYZ color 77.4527, 80.1003,

94.5978.

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

77.4527, 80.1003, 94.5978

Protanopia

77.4527, 80.1003, 94.5978

Deuteranopia

81.7496, 79.8619, 95.1106



Tritanopia

78.4121, 80.0777, 99.3195

Trichromacy



Original Color

77.4527, 80.1003, 94.5978

Protanomaly

77.4527, 80.1003, 94.5978

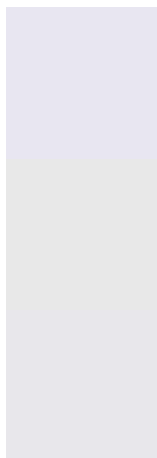
Deuteranomaly

80.1855, 79.8582, 95.1923

Tritanomaly

78.1050, 79.9548, 97.7025

Monochromacy



Original Color

77.4527, 80.1003, 94.5978

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.8500, 80.3058, 90.0474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4527, 80.1003, 94.5978 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, 230, 241)` looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 241)  
}
```

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, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.4527, 80.1003, 94.5978 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, 230, 241) }
```


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

```
.border{ border-color:rgb(232, 230, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 230, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4527, 80.1003, 94.5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 241) }
```

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

```
.background{ background-color: rgb(232,  
230, 241) }
```

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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