

Converting Colors

XYZ(78.3117, 81.9452, 96.5833)

Have a look what the booklet for
XYZ(78.3117, 81.9452, 96.5833)
contains.

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Color

**XYZ(78.2716, 81.7378,
96.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E9F3
RGB	231, 233, 243
RGB Percent	91%, 91%, 95%
CMY	0.0941, 0.0863, 0.0471
CMYK	0.05, 0.04, 0.00, 0.05
HSL	230°, 33%, 93%
HSV	230°, 5%, 95%
XYZ	78.2716, 81.7378, 96.4456
YIQ	233.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

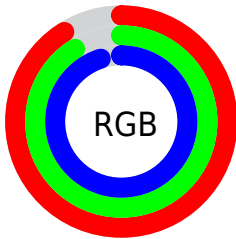
Format	Color
R _Y B	231, 233, 243
Decimal	15198707
CIE Lab	92.46, 1.17, -5.08
CIE LCh	92, 5.209, 282.925
Yxy	81.7378, 0.3052, 0.3187
Android (android.graphics.Color)	4293388787 (0xFFE7E9F3)
YUV	233.5420, 4.6628, -2.2293
Hunter-Lab	90.4090, -3.6792, 0.0375

Details

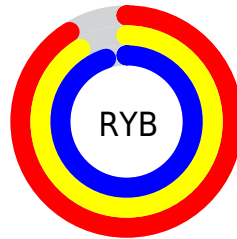
The XYZ color **78.2716, 81.7378, 96.4456** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8415, 87.7341, 88.1709**, and the grayscale version is **77.8309, 81.8842, 89.1719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3710, 44.1461, 53.3016** is the 20% darker color. If you saturate the color by 10%, you get **65.5613, 67.1626, 94.3035**, and if you desaturate by 10%, it is **92.6217, 98.1387, 98.8562**.

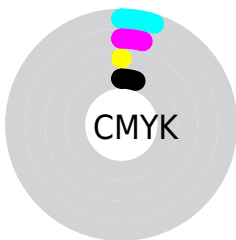
Distribution



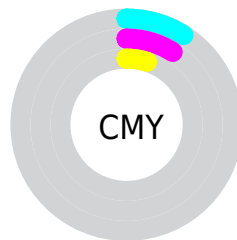
- Red (91%)
- Green (91%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2716, 81.7378, 96.4456 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 78.2716, 81.7378, 96.4456 by changing the saturation by 10% instead.

■ 78.2716, 81.7378,
96.4456

■ 78.2716, 81.7378,
96.4456

477.9144,
500.7702, 569.8848

■ 58.6007, 61.1494,
72.7352

129.8963,
135.8062, 158.2730

■ 42.5369, 44.3458,
53.2690

162.5807,
170.0551, 197.2270

■ 29.7149, 30.9424,
37.6283

200.3337,
209.6263, 242.0994

■ 19.7692, 20.5550,
25.3948

243.5206,
254.9041, 293.3086

■ 12.3347, 12.7991,
16.1497

292.5068,
306.2730, 351.2732

■ 7.0459, 7.2904,
9.4747

347.6576,

■ 3.5374, 3.6444,

364.1174, 416.4117

4.9510

409.3383,
428.8217, 489.1427

■ 1.4439, 1.4767,
2.1603

■ 0.2872, 0.2722,
0.6513

■ 78.2716, 81.7378,
96.4456

■ 78.2716, 81.7378,
96.4456

■ 65.5613, 67.1626,
94.3035

■ 92.6217, 98.1387,
98.8562

■ 54.5281, 54.3929,
92.4202

■ 93.1779, 99.2512,
99.0416

■ 45.1035, 43.3608,
90.7875

■ 37.2113, 33.9903,
89.3948

■ 30.7692, 26.1998,
88.2306

■ 25.6868, 19.9004,
87.2826

■ 21.8634, 14.9943,
86.5371

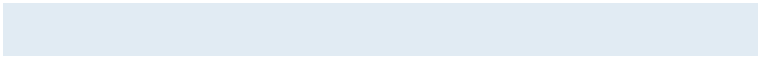
■ 19.1837, 11.3713,
85.9790

■ 17.5096, 8.9032,
85.5909

Harmonies

Analogous

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



76.9293, 81.7378, 96.2986



78.2716, 81.7378, 96.4456



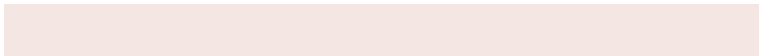
79.4713, 81.7378, 94.5560

Triad

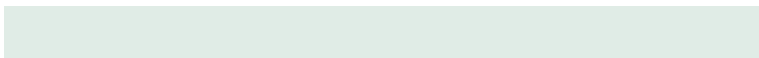
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2716, 81.7378, 96.4456



79.6063, 81.7378, 84.0292



75.2334, 81.7378, 86.8327

Complementary

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



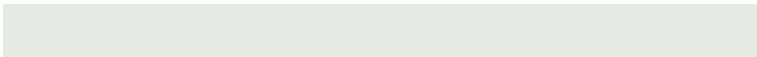
78.2716, 81.7378, 96.4456



82.8415, 87.7341, 88.1709

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.



75.9342, 81.7378, 83.6632



78.2716, 81.7378, 96.4456



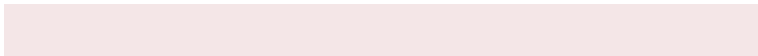
78.4543, 81.7378, 82.0771

Square

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



78.2716, 81.7378, 96.4456



80.2479, 81.7378, 87.3455



77.1099, 81.7378, 81.9451



75.1858, 81.7378, 90.6724

Rectangle

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



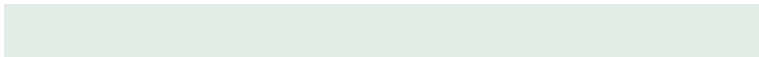
78.2716, 81.7378, 96.4456



80.0245, 81.7378, 92.4266



77.1099, 81.7378, 81.9451



75.4000, 81.7378, 85.6563

Sweetspot

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



78.2740, 81.7413, 96.4474



93.4441, 98.1717, 108.6317



80.8542, 87.4304, 95.6781



20.0178, 21.0321, 23.2545



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.



78.2740, 81.7413, 96.4474



85.7113, 89.3486, 107.3363



78.9499, 81.2525, 96.3174



16.6160, 17.3026, 21.0066



9.3709, 4.5356, 46.9196



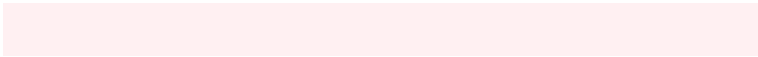
0.8866, 0.5247, 4.1448

Inverse Universe

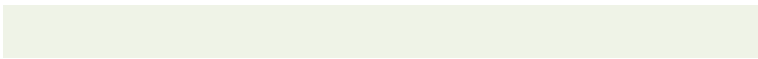
The Inverse Universe completely reimagines the original color for something new.



80.2479, 82.0914, 88.7105



88.3771, 89.8298, 96.8858



82.1399, 88.2576, 88.3090



17.1908, 17.4075, 18.7529



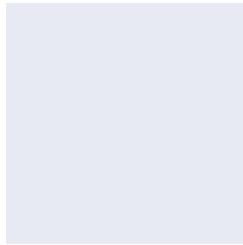
20.5345, 10.5572, 2.2572



1.8366, 0.9406, 0.3659

Previews

White Background



This preview shows how the XYZ color 78.2716, 81.7378, 96.4456 looks on a white background.

Color Contrast Check

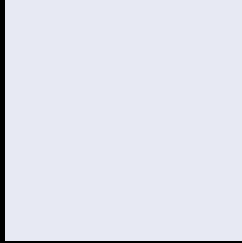
Large Text (above 18pt) WCAG AA × Fail

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 78.2716, 81.7378, 96.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

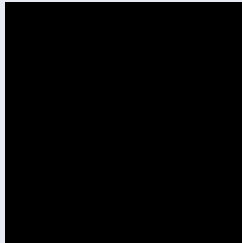
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

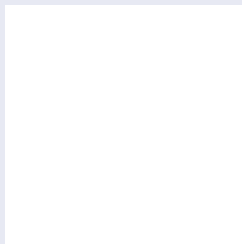
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2716, 81.7378, 96.4456

Background



This preview shows how black text looks on a background with the XYZ color 78.2716, 81.7378, 96.4456.



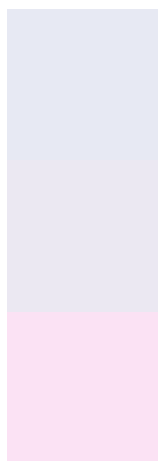
This preview shows how white text looks on a background with the XYZ color 78.2716, 81.7378,

96.4456.

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

78.2716, 81.7378, 96.4456

Protanopia

79.1446, 81.7862, 95.6193

Deuteranopia

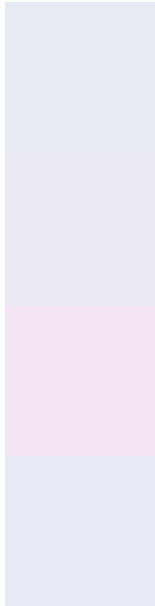
83.3092, 81.4336, 96.9153



Tritanopia

79.3906, 81.7712, 102.0416

Trichromacy



Original Color

78.2716, 81.7378, 96.4456

Protanomaly

78.8153, 81.6165, 95.6039

Deuteranomaly

81.6567, 81.8034, 97.0738

Tritanomaly

78.9238, 81.5844, 99.5833

Monochromacy



Original Color

78.2716, 81.7378, 96.4456

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.3132, 82.2837, 91.8756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2716, 81.7378, 96.4456 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, 233, 243) looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 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, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 243) }
```

Border

The CSS property to change the border of an element to XYZ 78.2716, 81.7378, 96.4456 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, 233, 243) }
```


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

```
.border{ border-color:rgb(231, 233, 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, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(231, 233,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2716, 81.7378, 96.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 233, 243) }
```

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

```
.background{ background-color: rgb(231,  
233, 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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