

Converting Colors

XYZ(78.8197, 78.6814, 98.2216)

Have a look what the booklet for
XYZ(78.8197, 78.6814, 98.2216)
contains.

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Color

**XYZ(78.8197, 78.6814,
98.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE1F6
RGB	238, 225, 246
RGB Percent	93%, 88%, 96%
CMY	0.0667, 0.1176, 0.0353
CMYK	0.03, 0.09, 0.00, 0.04
HSL	277°, 54%, 92%
HSV	277°, 9%, 96%
XYZ	78.8197, 78.6814, 98.2216
YIQ	231.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

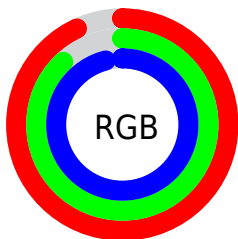
Format	Color
R_{YB}	238, 225, 246
Decimal	15655414
CIE _{Lab}	91.09, 8.16, -8.61
CIE _{LCh}	91, 11.860, 313.458
Yxy	78.6814, 0.3082, 0.3077
Android (android.graphics.Color)	4293845494 (0xFFEEE1F6)
YUV	231.2810, 7.2565, 5.8926
Hunter-Lab	88.7025, 3.3829, -3.5609

Details

The XYZ color **78.8197, 78.6814, 98.2216** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.1535, 88.6735, 84.1292**, and the grayscale version is **76.1140, 80.0778, 87.2048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9604, 42.4122, 54.6373** is the 20% darker color. If you saturate the color by 10%, you get **69.5779, 64.7475, 96.0204**, and if you desaturate by 10%, it is **89.1880, 94.6226, 100.7533**.

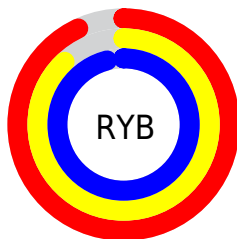
Distribution



Red (93%)

Green (88%)

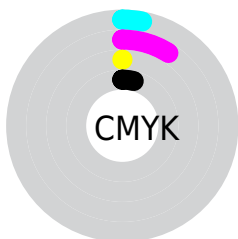
Blue (96%)



Red (93%)

Yellow (88%)

Blue (96%)

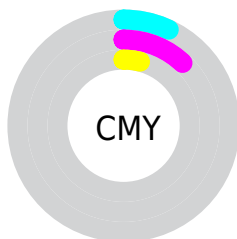


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8197, 78.6814, 98.2216 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 78.8197, 78.6814, 98.2216 by changing the saturation by 10% instead.

78.8197, 78.6814,
98.2216

78.8197, 78.6814,
98.2216

479.7435,
490.4779, 575.6737

59.0527, 58.6339,
74.2076

130.6643,
131.5102, 160.7416

42.9021, 42.3185,
54.4661

163.4725,
165.0604, 200.0846

30.0025, 29.3507,
38.5787

201.3586,
203.8802, 245.3745

19.9885, 19.3463,
26.1269

244.6879,
248.3540, 297.0295

12.4949, 11.9208,
16.6920

293.8256,
298.8663, 355.4685

7.1563, 6.6898,
9.8555

349.1372,

3.6072, 3.2688,

355.8015, 421.1098

5.1989

410.9881,
419.5438, 494.3720

■ 1.4824, 1.2737,
2.3037

■ 0.3138, 0.1207,
0.7333

■ 78.8197, 78.6814,
98.2216

■ 78.8197, 78.6814,
98.2216

■ 69.5779, 64.7475,
96.0204

■ 89.1880, 94.6226,
100.7533

■ 61.4125, 52.7281,
94.1307

■ 93.6348, 99.4339,
101.4476

■ 54.2796, 42.5377,
92.5398

■ 48.1292, 34.0806,
91.2315

■ 42.9071, 27.2518,
90.1887

■ 38.5530, 21.9349,
89.3919

■ 34.9984, 17.9974,
88.8192

■ 32.1631, 15.2827,
88.4447

■ 29.9331, 13.5675,
88.2311

Harmonies

Analogous

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



76.1339, 78.6814, 102.7502



78.8197, 78.6814, 98.2216



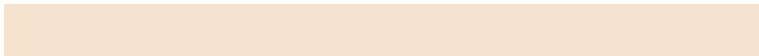
80.4474, 78.6814, 90.4576

Triad

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



78.8197, 78.6814, 98.2216



76.4376, 78.6814, 70.7995



69.3171, 78.6814, 89.5705

Complementary

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



78.8197, 78.6814, 98.2216



80.1535, 88.6735, 84.1292

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.



69.3934, 78.6814, 81.0557



78.8197, 78.6814, 98.2216



73.4508, 78.6814, 70.5972

Square

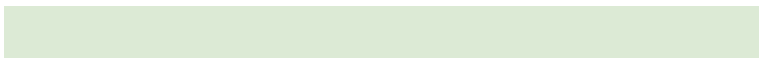
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8197, 78.6814, 98.2216



79.0471, 78.6814, 74.8098



70.8891, 78.6814, 74.2372



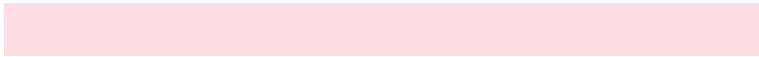
70.6776, 78.6814, 97.5349

Rectangle

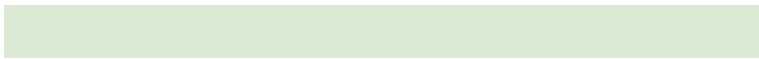
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8197, 78.6814, 98.2216



80.6871, 78.6814, 84.6788



70.8891, 78.6814, 74.2372



69.1767, 78.6814, 86.6703

Sweetspot

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



78.8220, 78.6848, 98.2233



91.5937, 94.6672, 108.0528



76.8420, 80.9707, 98.7689



19.4112, 19.9649, 23.0805



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.



78.8220, 78.6848, 98.2233



83.9633, 82.9994, 106.2029



81.1944, 79.9510, 96.3844



16.5664, 16.4346, 20.8416



15.9788, 7.2117, 47.0878



1.5186, 0.6927, 4.1439

Inverse Universe

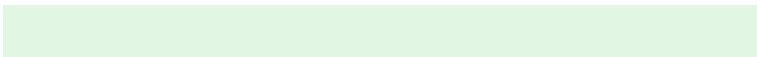
The Inverse Universe completely reimagines the original color for something new.



79.6420, 79.3300, 88.2093



85.0097, 83.8205, 93.5270



77.9373, 87.4921, 85.7827



16.7604, 16.5870, 18.4847



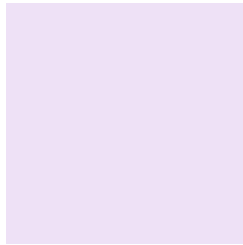
21.4211, 10.9119, 6.9257



1.9311, 0.9784, 0.8637

Previews

White Background



This preview shows how the XYZ color 78.8197, 78.6814, 98.2216 looks on a white background.

Color Contrast Check

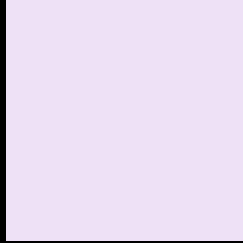
Large Text (above 18pt) WCAG AA × Fail

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 78.8197, 78.6814, 98.2216 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 78.8197, 78.6814, 98.2216

Background



This preview shows how black text looks on a background with the XYZ color 78.8197, 78.6814, 98.2216.



This preview shows how white text looks on a background with the XYZ color 78.8197, 78.6814,

98.2216.

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

78.8197, 78.6814, 98.2216

Protanopia

76.6816, 78.7581, 99.9672

Deuteranopia

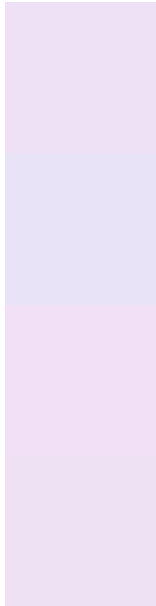
80.3305, 78.6623, 98.1382



Tritanopia

78.3628, 78.4986, 95.8156

Trichromacy



Original Color

78.8197, 78.6814, 98.2216

Protanomaly

77.5363, 78.8094, 99.1208

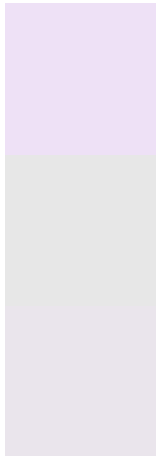
Deuteranomaly

79.9082, 78.8424, 98.1953

Tritanomaly

78.5142, 78.5592, 96.6133

Monochromacy



Original Color

78.8197, 78.6814, 98.2216

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0913, 79.5872, 90.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8197, 78.6814, 98.2216 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(238, 225, 246)` looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 246)  
}
```

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(238, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 246) }
```

Border

The CSS property to change the border of an element to XYZ 78.8197, 78.6814, 98.2216 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(238, 225, 246) }
```


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

```
.border{ border-color:rgb(238, 225, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 225, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8197, 78.6814, 98.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 246) }
```

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

```
.background{ background-color: rgb(238,  
225, 246) }
```

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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