

Converting Colors

XYZ(79.0064, 80.7044, 92.6466)

Have a look what the booklet for
XYZ(79.0064, 80.7044, 92.6466)
contains.

XYZ(78.7118, 80.3888, 92.2570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.7118, 80.3888,
92.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE5EE
RGB	238, 229, 238
RGB Percent	93%, 90%, 93%
CMY	0.0667, 0.1019, 0.0667
CMYK	0.00, 0.04, 0.00, 0.07
HSL	300°, 21%, 92%
HSV	300°, 4%, 93%
XYZ	78.7118, 80.3888, 92.2570
YIQ	232.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

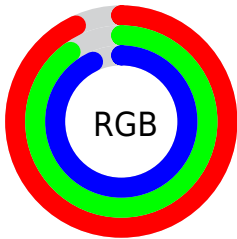
Format	Color
R _Y B	238, 229, 238
Decimal	15656430
CIE Lab	91.86, 4.63, -3.29
CIE LCh	92, 5.678, 324.598
Yxy	80.3888, 0.3131, 0.3198
Android (android.graphics.Color)	4293846510 (0xFFEEE5EE)
YUV	232.7170, 2.6045, 4.6332
Hunter-Lab	89.6598, -0.2006, 1.7544

Details

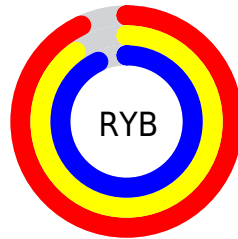
The XYZ color **78.7118, 80.3888, 92.2570** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.0336, 83.4664, 86.1834**, and the grayscale version is **77.2210, 81.2426, 88.4731**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8710, 43.5946, 50.4110** is the 20% darker color. If you saturate the color by 10%, you get **72.5736, 68.1115, 90.2120**, and if you desaturate by 10%, it is **85.7574, 94.4786, 94.6065**.

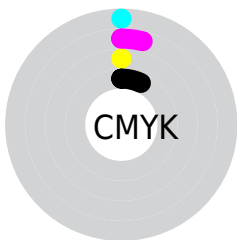
Distribution



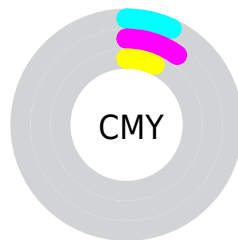
- Red (93%)
- Green (90%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7118, 80.3888, 92.2570 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 78.7118, 80.3888, 92.2570 by changing the saturation by 10% instead.

78.7118, 80.3888,
92.2570

78.7118, 80.3888,
92.2570

479.3837,
496.2421, 556.1042

58.9637, 60.0383,
69.2699

130.5131,
133.9122, 152.4323

42.8302, 43.4495,
50.4584

163.2970,
167.8540, 190.4576

29.9458, 30.2380,
35.4040

201.1570,
207.0950, 234.3327

19.9453, 20.0193,
23.6882

244.4582,
252.0196, 284.4762

12.4633, 12.4091,
14.8925

293.5662,
303.0122, 341.3065

7.1345, 7.0229,
8.5982

348.8462,

3.5934, 3.4764,

360.4573, 405.2422

4.3868

410.6636,
424.7391, 476.7020

■ 1.4748, 1.3852,
1.8399

■ 0.3086, 0.2058,
0.4541

■ 78.7118, 80.3888,
92.2570

■ 78.7118, 80.3888,
92.2570

■ 72.5736, 68.1115,
90.2120

■ 85.7574, 94.4786,
94.6065

■ 67.2994, 57.5632,
88.4539

■ 86.4535, 95.8707,
94.8385

■ 62.8524, 48.6695,
86.9716

■ 86.4537, 95.8708,
94.8385

■ 59.1909, 41.3466,
85.7512

■ 86.4538, 95.8708,
94.8385

56.2690, 35.5031,
84.7772

86.4539, 95.8709,
94.8385

54.0366, 31.0384,
84.0331

86.4541, 95.8710,
94.8385

52.4370, 27.8394,
83.5000

86.4542, 95.8710,
94.8385

51.4047, 25.7752,
83.1559

86.4543, 95.8711,
94.8385

50.8601, 24.6860,
82.9744

86.4545, 95.8712,
94.8385

Harmonies

Analogous

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



77.5783, 80.3888, 95.0239



78.7118, 80.3888, 92.2570



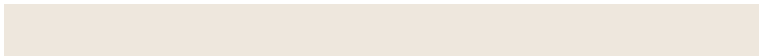
79.2282, 80.3888, 88.2867

Triad

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



78.7118, 80.3888, 92.2570



76.6710, 80.3888, 79.7880



73.8899, 80.3888, 90.9096

Complementary

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



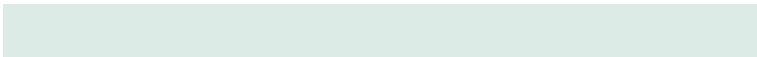
78.7118, 80.3888, 92.2570



77.0336, 83.4664, 86.1834

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.



73.6539, 80.3888, 86.7771



78.7118, 80.3888, 92.2570



75.2478, 80.3888, 80.4403

Square

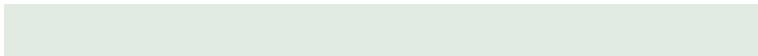
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7118, 80.3888, 92.2570



78.0404, 80.3888, 81.1559



74.1479, 80.3888, 82.9668



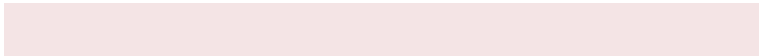
74.7968, 80.3888, 94.2288

Rectangle

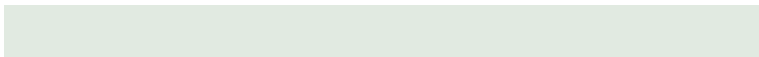
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7118, 80.3888, 92.2570



79.1484, 80.3888, 85.5246



74.1479, 80.3888, 82.9668



73.7299, 80.3888, 89.5660

Sweetspot

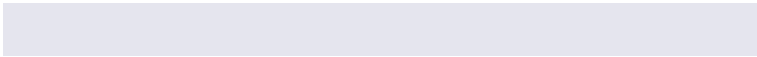
The Sweet Spot groups the original color and five complimentary colors.



78.7141, 80.3923, 92.2587



94.2419, 98.3838, 108.6306



75.8101, 78.9568, 92.1347



20.1802, 21.0752, 23.2543



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.



78.7141, 80.3923, 92.2587



91.1165, 92.1331, 107.5889



78.0828, 80.1398, 88.9343



16.9731, 17.0691, 20.1217



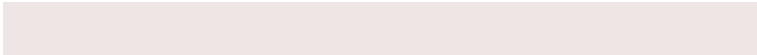
28.2806, 13.5846, 46.2594



2.3527, 1.1301, 3.8483

Inverse Universe

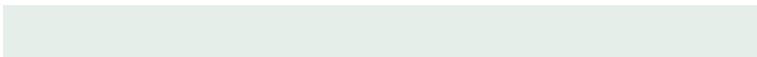
The Inverse Universe completely reimagines the original color for something new.



77.4250, 79.8766, 85.4699



89.1312, 91.3390, 97.1341



77.6485, 83.7124, 89.4216



16.5536, 16.9012, 17.9122



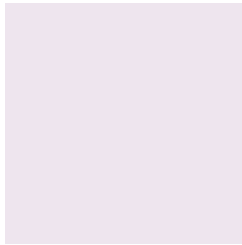
19.6715, 10.1410, 0.9207



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 78.7118, 80.3888, 92.2570 looks on a white background.

Color Contrast Check

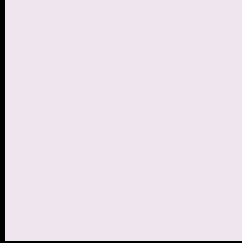
Large Text (above 18pt) WCAG AA × Fail

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 78.7118, 80.3888, 92.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

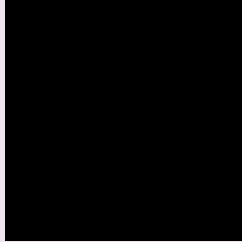
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

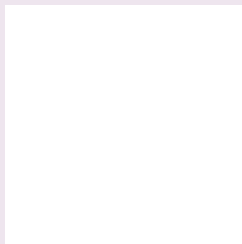
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7118, 80.3888, 92.2570

Background



This preview shows how black text looks on a background with the XYZ color 78.7118, 80.3888, 92.2570.



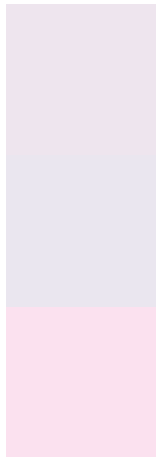
This preview shows how white text looks on a background with the XYZ color 78.7118, 80.3888,

92.2570.

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

78.7118, 80.3888, 92.2570

Protanopia

77.8085, 80.3180, 93.0633

Deuteranopia

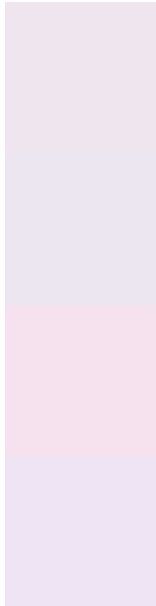
82.2889, 80.5917, 92.8800



Tritanopia

79.9746, 80.4913, 98.5100

Trichromacy



Original Color

78.7118, 80.3888, 92.2570

Protanomaly

78.1378, 80.4878, 93.0788

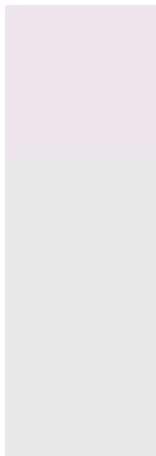
Deuteranomaly

80.7824, 80.2175, 92.8872

Tritanomaly

79.5177, 80.3086, 96.1041

Monochromacy



Original Color

78.7118, 80.3888, 92.2570

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1130, 81.3736, 90.1869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7118, 80.3888, 92.2570 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, 229, 238) looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 238)  
}
```

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, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 238) }
```

Border

The CSS property to change the border of an element to XYZ 78.7118, 80.3888, 92.2570 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, 229, 238) }
```


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

```
.border{ border-color:rgb(238, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7118, 80.3888, 92.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 238) }
```

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

```
.background{ background-color: rgb(238,  
229, 238) }
```

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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