

Converting Colors

XYZ(78.5026, 81.5683, 91.4997)

Have a look what the booklet for
XYZ(78.5026, 81.5683, 91.4997)
contains.

XYZ(78.4036, 81.4898, 91.7176)	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(78.4036, 81.4898,
91.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE8ED
RGB	235, 232, 237
RGB Percent	92%, 91%, 93%
CMY	0.0784, 0.0902, 0.0706
CMYK	0.01, 0.02, 0.00, 0.07
HSL	276°, 12%, 92%
HSV	276°, 2%, 93%
XYZ	78.4036, 81.4898, 91.7176
YIQ	233.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

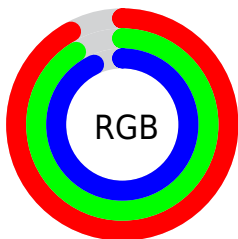
Format	Color
R _Y B	235, 232, 237
Decimal	15460589
CIE Lab	92.35, 1.90, -2.07
CIE LCh	92, 2.814, 312.509
Yxy	81.4898, 0.3116, 0.3239
Android (android.graphics.Color)	4293650669 (0xFFE8E8ED)
YUV	233.4670, 1.7418, 1.3444
Hunter-Lab	90.2717, -2.9430, 2.9505

Details

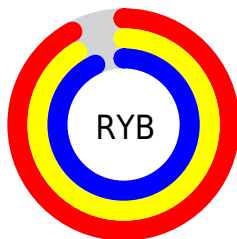
The XYZ color **78.4036, 81.4898, 91.7176** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.7845, 83.8892, 88.3879**, and the grayscale version is **77.7932, 81.8445, 89.1286**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4562, 43.9706, 49.9655** is the 20% darker color. If you saturate the color by 10%, you get **69.1283, 67.4655, 89.5007**, and if you desaturate by 10%, it is **88.5247, 96.9553, 94.1705**.

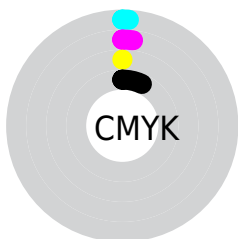
Distribution



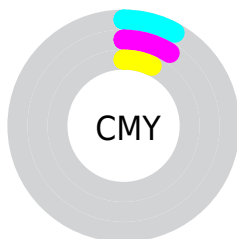
- Red (92%)
- Green (91%)
- Blue (93%)



- Red (92%)
- Yellow (91%)
- Blue (93%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4036, 81.4898, 91.7176 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 78.4036, 81.4898, 91.7176 by changing the saturation by 10% instead.

78.4036, 81.4898,
91.7176

78.4036, 81.4898,
91.7176

478.3553,
499.9395, 554.3161

58.7095, 60.9451,
68.8244

130.0813,
135.4583, 151.6782

42.6248, 44.1808,
50.0978

162.7956,
169.6509, 189.5827

29.7841, 30.8127,
35.1194

200.5807,
209.1615, 233.3280

19.8220, 20.4563,
23.4706

243.8019,
254.3746, 283.3327

12.3732, 12.7271,
14.7328

292.8246,
305.6745, 340.0153

7.0724, 7.2409,
8.4875

348.0142,

3.5542, 3.6132,

363.4457, 403.7944

4.3163

409.7360,
428.0726, 475.0885

■ 1.4531, 1.4597,
1.8004

■ 0.2936, 0.2601,
0.4282

■ 78.4036, 81.4898,
91.7176

■ 78.4036, 81.4898,
91.7176

■ 69.1283, 67.4655,
89.5007

■ 88.5247, 96.9553,
94.1705

■ 60.8791, 55.2502,
87.5777

■ 91.9113, 98.7012,
94.3290

■ 53.6175, 44.7699,
85.9375

■ 92.2863, 98.8945,
94.3466

■ 47.2998, 35.9410,
84.5664

■ 41.8788, 28.6733,
83.4493

■ 37.3027, 22.8675,
82.5698

■ 33.5137, 18.4123,
81.9096

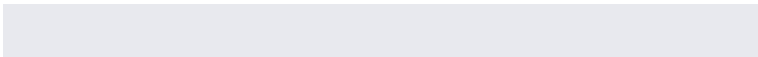
■ 30.4458, 15.1800,
81.4474

■ 28.0198, 13.0172,
81.1578

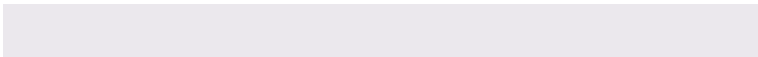
Harmonies

Analogous

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



77.7573, 81.4898, 92.7013



78.4036, 81.4898, 91.7176



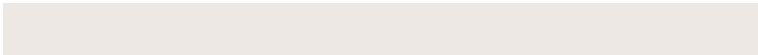
78.7968, 81.4898, 89.9392

Triad

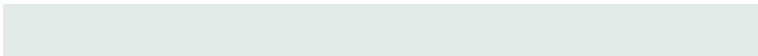
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4036, 81.4898, 91.7176



77.8752, 81.4898, 84.9585



76.0947, 81.4898, 89.5999

Complementary

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



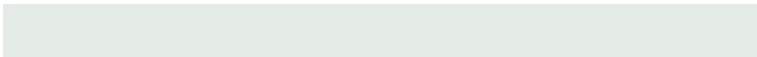
78.4036, 81.4898, 91.7176



78.7845, 83.8892, 88.3879

Split Complementary

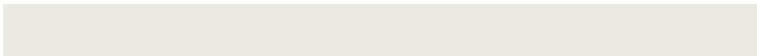
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1258, 81.4898, 87.5287



78.4036, 81.4898, 91.7176



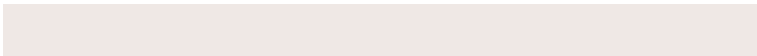
77.1507, 81.4898, 84.8709

Square

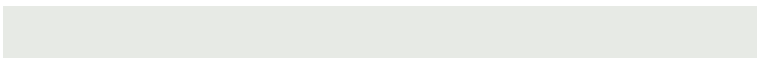
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4036, 81.4898, 91.7176



78.4904, 81.4898, 86.0464



76.5113, 81.4898, 85.8051



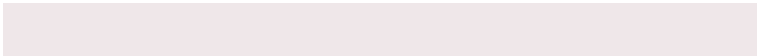
76.4260, 81.4898, 91.4659

Rectangle

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



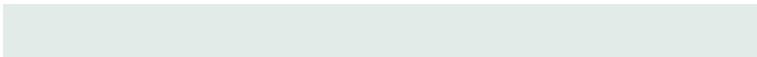
78.4036, 81.4898, 91.7176



78.8609, 81.4898, 88.5531



76.5113, 81.4898, 85.8051



76.0632, 81.4898, 88.9042

Sweetspot

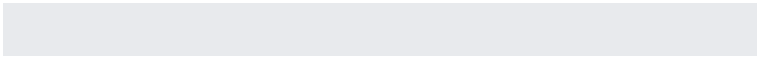
The Sweet Spot groups the original color and five complimentary colors.



78.4059, 81.4933, 91.7194



93.8673, 98.1907, 108.6131



78.0145, 82.1666, 91.8700



20.1039, 21.0359, 23.2507



0.0000, 0.0000, 0.0000



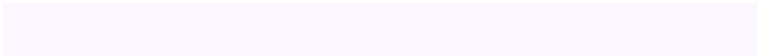
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4059, 81.4933, 91.7194



91.5401, 94.6396, 108.0503



79.0093, 81.8114, 91.4304



16.2158, 16.6879, 19.2887



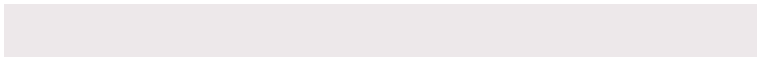
14.5993, 6.5621, 44.2401



1.2545, 0.5710, 3.4790

Inverse Universe

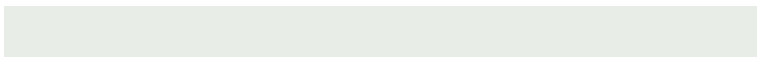
The Inverse Universe completely reimagines the original color for something new.



78.6359, 81.6620, 89.4640



91.9280, 94.9238, 104.2591



78.1907, 83.5763, 88.6693



16.3030, 16.7517, 18.4393



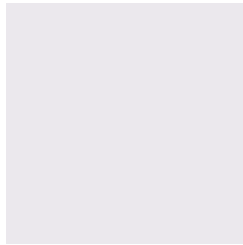
20.2533, 10.3040, 7.1351



1.6367, 0.8277, 0.8045

Previews

White Background



This preview shows how the XYZ color 78.4036, 81.4898, 91.7176 looks on a white background.

Color Contrast Check

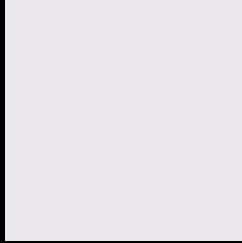
Large Text (above 18pt) WCAG AA × Fail

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 78.4036, 81.4898, 91.7176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

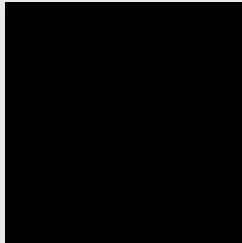
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

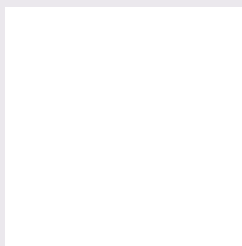
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4036, 81.4898, 91.7176

Background



This preview shows how black text looks on a background with the XYZ color 78.4036, 81.4898, 91.7176.



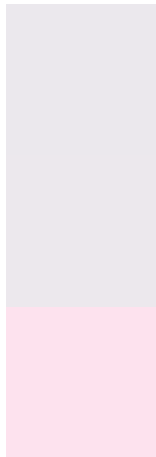
This preview shows how white text looks on a background with the XYZ color 78.4036, 81.4898,

91.7176.

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

78.4036, 81.4898, 91.7176

Protanopia

78.7347, 81.6605, 91.7331

Deuteranopia

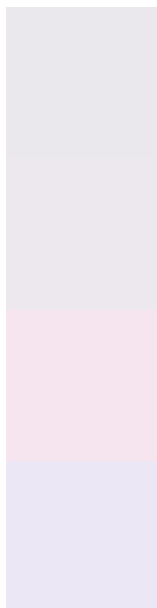
83.1370, 81.4484, 92.2282



Tritanopia

80.1651, 81.3755, 100.2888

Trichromacy



Original Color

78.4036, 81.4898, 91.7176

Protanomaly

78.7347, 81.6605, 91.7331

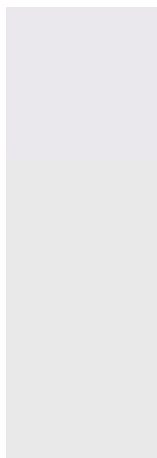
Deuteranomaly

81.1821, 81.2527, 92.2935

Tritanomaly

79.4971, 81.5163, 97.1322

Monochromacy



Original Color

78.4036, 81.4898, 91.7176

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9219, 81.7108, 89.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4036, 81.4898, 91.7176 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(235, 232, 237) looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 237)  
}
```

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(235, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 237) }
```

Border

The CSS property to change the border of an element to XYZ 78.4036, 81.4898, 91.7176 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(235, 232, 237) }
```


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

```
.border{ border-color:rgb(235, 232, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 232, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4036, 81.4898, 91.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 237) }
```

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

```
.background{ background-color: rgb(235,  
232, 237) }
```

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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