

Converting Colors

XYZ(77.7412, 78.1208, 91.6360)

Have a look what the booklet for
XYZ(77.7412, 78.1208, 91.6360)
contains.

XYZ(77.9544, 78.3742, 91.9080) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(77.9544, 78.3742,
91.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE1EE
RGB	239, 225, 238
RGB Percent	94%, 88%, 93%
CMY	0.0627, 0.1176, 0.0667
CMYK	0.00, 0.06, 0.00, 0.06
HSL	304°, 30%, 91%
HSV	304°, 6%, 94%
XYZ	77.9544, 78.3742, 91.9080
YIQ	230.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

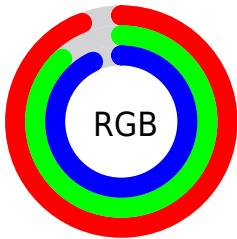
Format	Color
R _Y B	239, 225, 238
Decimal	15720942
CIE Lab	90.95, 7.03, -4.62
CIE LCh	91, 8.414, 326.719
Yxy	78.3742, 0.3140, 0.3157
Android (android.graphics.Color)	4293911022 (0xFFEFE1EE)
YUV	230.6680, 3.6147, 7.3072
Hunter-Lab	88.5292, 2.2521, 0.4176

Details

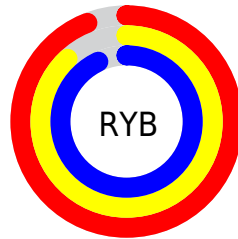
The XYZ color **77.9544, 78.3742, 91.9080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6482, 83.2336, 84.0341**, and the grayscale version is **75.6826, 79.6240, 86.7106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3467, 42.1941, 50.1683** is the 20% darker color. If you saturate the color by 10%, you get **71.6914, 66.2467, 88.5893**, and if you desaturate by 10%, it is **85.1286, 92.3181, 95.5440**.

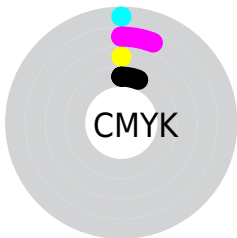
Distribution



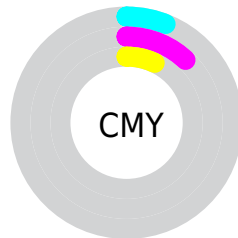
- Red (94%)
- Green (88%)
- Blue (93%)



- Red (94%)
- Yellow (88%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9544, 78.3742, 91.9080 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 77.9544, 78.3742, 91.9080 by changing the saturation by 10% instead.

77.9544, 78.3742,
91.9080

77.9544, 78.3742,
91.9080

476.8541,
489.4367, 554.9476

58.3392, 58.3814,
68.9816

129.4515,
131.0775, 151.9445

42.3257, 42.1154,
50.2251

162.0642,
164.5568, 189.8916

29.5486, 29.1916,
35.2198

199.7400,
203.3004, 233.6828

19.6426, 19.2258,
23.5474

242.8443,
247.6927, 283.7365

12.2423, 11.8336,
14.7891

291.7426,
298.1181, 340.4713

6.9823, 6.6305,
8.5265

346.8000,

3.4972, 3.2321,

354.9610, 404.3057

4.3411

408.3821,
418.6057, 475.6583

■ 1.4218, 1.2541,
1.8143

■ 0.2717, 0.1052,
0.4373

■ 77.9544, 78.3742,
91.9080

■ 77.9544, 78.3742,
91.9080

■ 71.6914, 66.2467,
88.5893

■ 85.1286, 92.3181,
95.5440

■ 66.2955, 55.8507,
85.5705

■ 87.2966, 96.2468,
97.5222

■ 61.7290, 47.1098,
82.8397

■ 87.5535, 96.3495,
98.8751

■ 57.9488, 39.9376,
80.3828

■ 87.8128, 96.4533,
100.2406

54.9080, 34.2404,
78.1838

88.0745, 96.5579,
101.6188

52.5544, 29.9140,
76.2256

88.3387, 96.6636,
103.0097

50.8295, 26.8411,
74.4884

88.6052, 96.7702,
104.4134

49.6644, 24.8842,
72.9494

88.8742, 96.8778,
105.8298

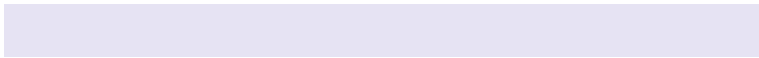
48.9745, 23.8740,
71.5803

89.1456, 96.9864,
107.2590

Harmonies

Analogous

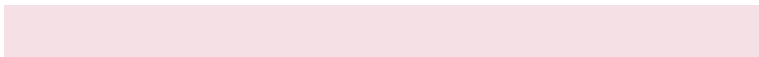
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3413, 78.3742, 96.2011



77.9544, 78.3742, 91.9080



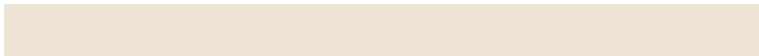
78.6390, 78.3742, 86.0065

Triad

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



77.9544, 78.3742, 91.9080



74.7260, 78.3742, 74.1973



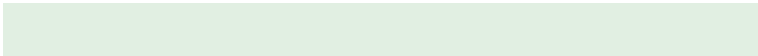
70.9082, 78.3742, 90.6967

Complementary

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



77.9544, 78.3742, 91.9080



75.6482, 83.2336, 84.0341

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.



70.4940, 78.3742, 84.6694



77.9544, 78.3742, 91.9080



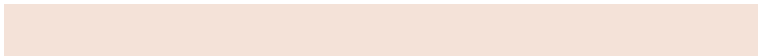
72.6735, 78.3742, 75.3218

Square

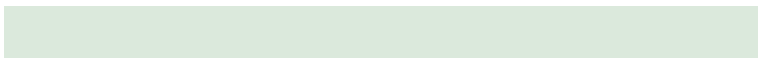
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9544, 78.3742, 91.9080



76.7530, 78.3742, 75.9386



71.1343, 78.3742, 79.0853



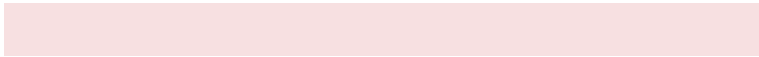
72.2765, 78.3742, 95.4788

Rectangle

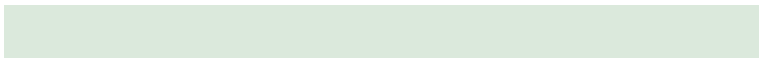
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9544, 78.3742, 91.9080



78.4673, 78.3742, 82.0197



71.1343, 78.3742, 79.0853



70.6539, 78.3742, 88.7409

Sweetspot

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



77.9567, 78.3776, 91.9097



93.3859, 96.7656, 108.0562



73.8517, 76.2444, 92.4867



20.0059, 20.7457, 23.1373



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.



77.9567, 78.3776, 91.9097



89.4130, 89.0534, 106.0114



76.9576, 77.9780, 86.6487



16.6689, 16.5267, 19.8162



26.9729, 13.0616, 39.3696



2.2584, 1.0924, 3.3515

Inverse Universe

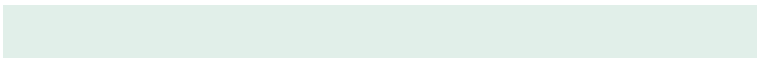
The Inverse Universe completely reimagines the original color for something new.



77.9567, 78.3776, 91.9097



89.4130, 89.0534, 106.0114



76.6189, 83.6219, 89.1457



16.6689, 16.5267, 19.8162



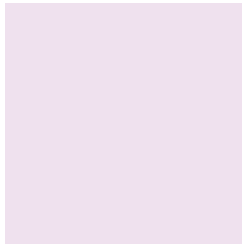
26.9729, 13.0616, 39.3696



2.2584, 1.0924, 3.3515

Previews

White Background



This preview shows how the XYZ color 77.9544, 78.3742, 91.9080 looks on a white background.

Color Contrast Check

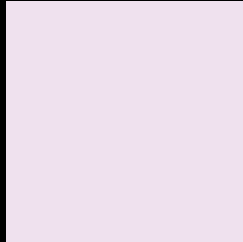
Large Text (above 18pt) WCAG AA × Fail

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 77.9544, 78.3742, 91.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

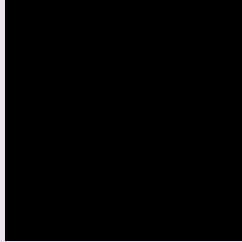
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

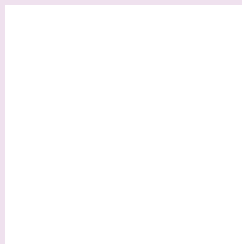
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9544, 78.3742, 91.9080

Background



This preview shows how black text looks on a background with the XYZ color 77.9544, 78.3742, 91.9080.



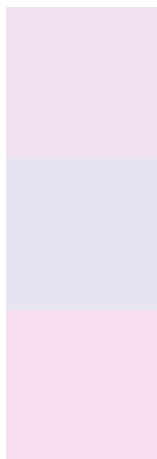
This preview shows how white text looks on a background with the XYZ color 77.9544, 78.3742,

91.9080.

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

77.9544, 78.3742, 91.9080

Protanopia

76.1047, 78.6011, 93.5985

Deuteranopia

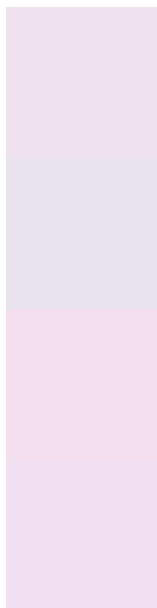
80.0590, 78.2487, 92.5453



Tritanopia

78.6178, 78.2474, 94.9640

Trichromacy



Original Color

77.9544, 78.3742, 91.9080

Protanomaly

76.6533, 78.4938, 92.7721

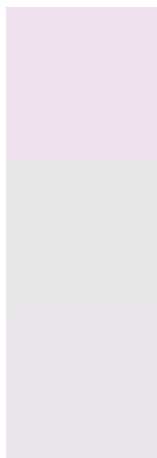
Deuteranomaly

79.2759, 78.2404, 92.5850

Tritanomaly

78.4680, 78.1874, 94.1751

Monochromacy



Original Color

77.9544, 78.3742, 91.9080

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.8023, 79.4716, 89.1335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9544, 78.3742, 91.9080 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(239, 225, 238) looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 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(239, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 238) }
```

Border

The CSS property to change the border of an element to XYZ 77.9544, 78.3742, 91.9080 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(239, 225, 238) }
```


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

```
.border{ border-color:rgb(239, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9544, 78.3742, 91.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 238) }
```

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

```
.background{ background-color: rgb(239,  
225, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor