

Converting Colors

XYZ(78.7363, 80.1430, 92.5176)

Have a look what the booklet for
XYZ(78.7363, 80.1430, 92.5176)
contains.

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Color

**XYZ(78.4359, 79.8370,
92.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE4EE
RGB	238, 228, 238
RGB Percent	93%, 89%, 93%
CMY	0.0667, 0.1059, 0.0667
CMYK	0.00, 0.04, 0.00, 0.07
HSL	300°, 23%, 91%
HSV	300°, 4%, 93%
XYZ	78.4359, 79.8370, 92.1650
YIQ	232.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

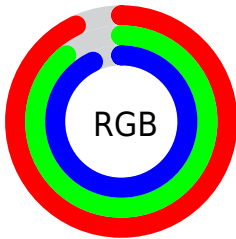
Format	Color
R _Y B	238, 228, 238
Decimal	15656174
CIE Lab	91.61, 5.15, -3.65
CIE LCh	92, 6.310, 324.626
Yxy	79.8370, 0.3132, 0.3188
Android (android.graphics.Color)	4293846254 (0xFFEEE4EE)
YUV	232.1300, 2.8939, 5.1480
Hunter-Lab	89.3516, 0.3283, 1.3892

Details

The XYZ color **78.4359, 79.8370, 92.1650** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5761, 83.2466, 85.4351**, and the grayscale version is **76.7786, 80.7771, 87.9662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6785, 43.2096, 50.3469** is the 20% darker color. If you saturate the color by 10%, you get **72.3349, 67.6340, 90.1323**, and if you desaturate by 10%, it is **85.4427, 93.8495, 94.5016**.

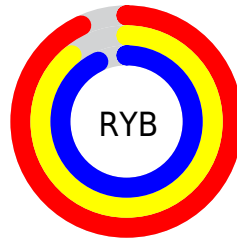
Distribution



Red (93%)

Green (89%)

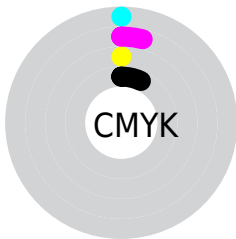
Blue (93%)



Red (93%)

Yellow (89%)

Blue (93%)

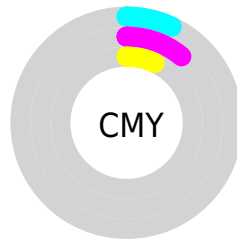


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4359, 79.8370, 92.1650 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 78.4359, 79.8370, 92.1650 by changing the saturation by 10% instead.

78.4359, 79.8370,
92.1650

78.4359, 79.8370,
92.1650

478.4631,
494.3833, 555.7994

58.7362, 59.5842,
69.1939

130.1265,
133.1365, 152.3037

42.6463, 43.0836,
50.3969

162.8481,
166.9521, 190.3084

29.8010, 29.9507,
35.3555

200.6411,
206.0574, 234.1614

19.8349, 19.8012,
23.6511

243.8707,
250.8368, 284.2812

12.3827, 12.2506,
14.8652

292.9024,
301.6747, 341.0864

7.0789, 6.9146,
8.5793

348.1014,

3.5583, 3.4087,

358.9555, 404.9954

4.3747

409.8332,
423.0636, 476.4269

■ 1.4554, 1.3487,
1.8331

■ 0.2952, 0.1784,
0.4497

■ 78.4359, 79.8370,
92.1650

■ 78.4359, 79.8370,
92.1650

■ 72.3349, 67.6340,
90.1323

■ 85.4427, 93.8495,
94.5016

■ 67.0963, 57.1569,
88.3861

■ 86.4534, 95.8706,
94.8384

■ 62.6833, 48.3310,
86.9152

■ 86.4534, 95.8706,
94.8384

■ 59.0538, 41.0721,
85.7054

■ 86.4535, 95.8707,
94.8384

56.1621, 35.2887,
84.7415

86.4536, 95.8707,
94.8384

53.9575, 30.8796,
84.0066

86.4536, 95.8707,
94.8384

52.3832, 27.7311,
83.4819

86.4537, 95.8708,
94.8384

51.3733, 25.7113,
83.1452

86.4537, 95.8708,
94.8384

50.8471, 24.6591,
82.9699

86.4538, 95.8708,
94.8384

Harmonies

Analogous

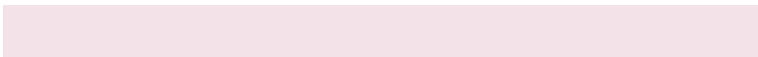
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1804, 79.8370, 95.2431



78.4359, 79.8370, 92.1650



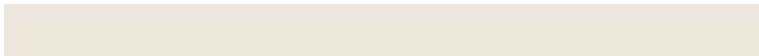
79.0078, 79.8370, 87.7622

Triad

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



78.4359, 79.8370, 92.1650



76.1731, 79.8370, 78.3945



73.1022, 79.8370, 90.6772

Complementary

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



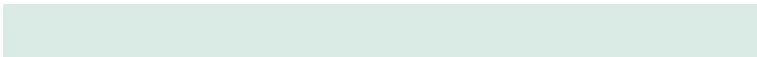
78.4359, 79.8370, 92.1650



76.5761, 83.2466, 85.4351

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.



72.8410, 79.8370, 86.1010



78.4359, 79.8370, 92.1650



74.5995, 79.8370, 79.1133

Square

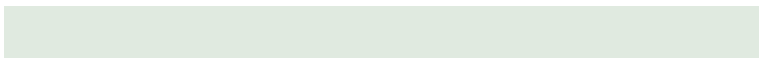
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4359, 79.8370, 92.1650



77.6896, 79.8370, 79.8959



73.3855, 79.8370, 81.8950



74.1040, 79.8370, 94.3631

Rectangle

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



78.4359, 79.8370, 92.1650



78.9187, 79.8370, 84.7086



73.3855, 79.8370, 81.8950



72.9255, 79.8370, 89.1878

Sweetspot

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



78.4382, 79.8404, 92.1667



94.2419, 98.3838, 108.6306



75.2203, 78.2497, 92.0293



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.



78.4382, 79.8404, 92.1667



91.1166, 92.1332, 107.5889



77.7377, 79.5602, 88.4778



16.9732, 17.0691, 20.1217



28.2810, 13.5848, 46.2594



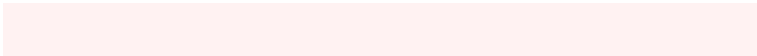
2.3527, 1.1301, 3.8484

Inverse Universe

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



77.0098, 79.2691, 84.6445



89.1312, 91.3390, 97.1340



77.2564, 83.5188, 89.0176



16.5536, 16.9012, 17.9121



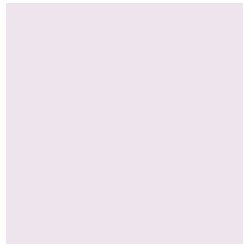
19.6715, 10.1410, 0.9207



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 78.4359, 79.8370, 92.1650 looks on a white background.

Color Contrast Check

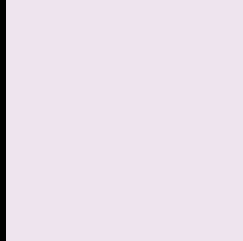
Large Text (above 18pt) WCAG AA × Fail

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 78.4359, 79.8370, 92.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

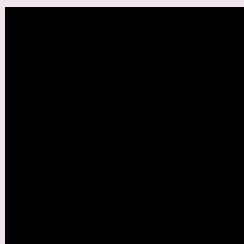
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

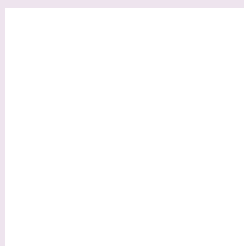
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4359, 79.8370, 92.1650

Background



This preview shows how black text looks on a background with the XYZ color 78.4359, 79.8370, 92.1650.



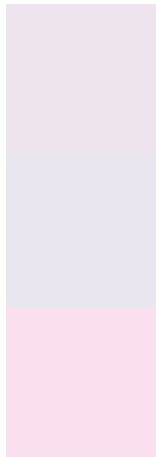
This preview shows how white text looks on a background with the XYZ color 78.4359, 79.8370,

92.1650.

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

78.4359, 79.8370, 92.1650

Protanopia

77.4811, 80.1493, 93.0480

Deuteranopia

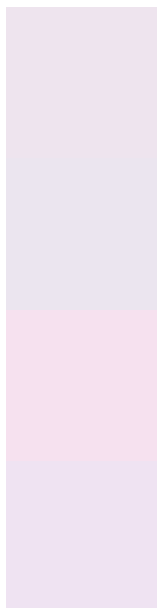
81.6600, 79.8673, 92.7733



Tritanopia

79.5471, 79.8815, 97.6123

Trichromacy



Original Color

78.4359, 79.8370, 92.1650

Protanomaly

77.8602, 79.9328, 92.9862

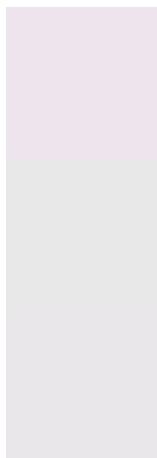
Deuteranomaly

80.5112, 79.6753, 92.7968

Tritanomaly

79.0927, 79.6997, 95.2193

Monochromacy



Original Color

78.4359, 79.8370, 92.1650

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.3589, 80.5848, 89.3191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4359, 79.8370, 92.1650 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, 228, 238) looks like.

```
.text, #text, p{  
    color:rgb(238, 228, 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, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 228, 238) }
```

Border

The CSS property to change the border of an element to XYZ 78.4359, 79.8370, 92.1650 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, 228, 238) }
```


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

```
.border{ border-color:rgb(238, 228, 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, 228, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 228,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4359, 79.8370, 92.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 228, 238) }
```

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

```
.background{ background-color: rgb(238,  
228, 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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