

Converting Colors

XYZ(78.7233, 79.1279, 90.8213)

Have a look what the booklet for
XYZ(78.7233, 79.1279, 90.8213)
contains.

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Color

**XYZ(78.6123, 79.1496,
90.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E2EC
RGB	241, 226, 236
RGB Percent	95%, 89%, 93%
CMY	0.0549, 0.1137, 0.0745
CMYK	0.00, 0.06, 0.02, 0.05
HSL	320°, 35%, 92%
HSV	320°, 6%, 95%
XYZ	78.6123, 79.1496, 90.4910
YIQ	231.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

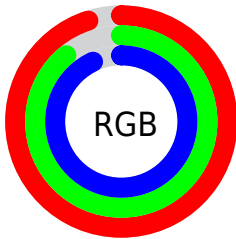
Format	Color
R_{YB}	241, 226, 236
Decimal	15852268
CIE Lab	91.30, 6.83, -3.03
CIE LCh	91, 7.475, 336.050
Yxy	79.1496, 0.3167, 0.3188
Android (android.graphics.Color)	4294042348 (0xFFFF1E2EC)
YUV	231.6250, 2.1569, 8.2219
Hunter-Lab	88.9661, 2.0358, 1.9700

Details

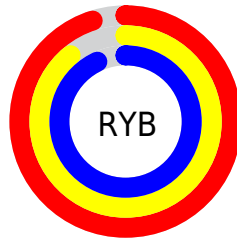
The XYZ color **78.6123, 79.1496, 90.4910** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2461, 84.8509, 87.9120**, and the grayscale version is **76.4048, 80.3838, 87.5380**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8087, 42.7354, 49.1725** is the 20% darker color. If you saturate the color by 10%, you get **71.3734, 66.4973, 82.4476**, and if you desaturate by 10%, it is **86.8294, 93.6719, 99.1215**.

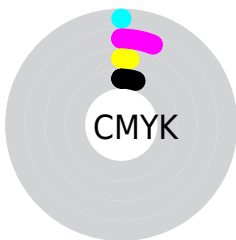
Distribution



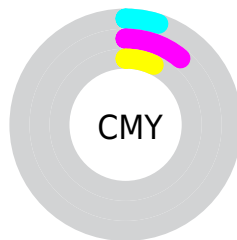
- Red (95%)
- Green (89%)
- Blue (93%)



- Red (95%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6123, 79.1496, 90.4910 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 78.6123, 79.1496, 90.4910 by changing the saturation by 10% instead.

78.6123, 79.1496,
90.4910

78.6123, 79.1496,
90.4910

479.0518,
492.0623, 550.2380

58.8816, 59.0188,
67.8119

130.3737,
132.1694, 149.9617

42.7638, 42.6283,
49.2790

163.1352,
165.8273, 187.5904

29.8936, 29.5936,
34.4737

200.9710,
204.7630, 231.0394

19.9055, 19.5303,
22.9775

244.2464,
249.3608, 280.7273

12.4342, 12.0541,
14.3717

293.3268,
300.0053, 337.0726

7.1144, 6.7805,
8.2380

348.5777,

3.5807, 3.3252,

357.0808, 400.4937

4.1576

410.3642,
420.9716, 471.4094

■ 1.4678, 1.3038,
1.7122

■ 0.3038, 0.1441,
0.3691

■ 78.6123, 79.1496,
90.4910

■ 78.6123, 79.1496,
90.4910

■ 71.3734, 66.4973,
82.4476

■ 86.8294, 93.6719,
99.1215

■ 65.0669, 55.6280,
74.9700

■ 89.6183, 97.2539,
106.2041

■ 59.6536, 46.4632,
68.0424

■ 90.0861, 97.4410,
108.6677

■ 55.0886, 38.9143,
61.6464

■ 51.3231, 32.8849,
55.7623

■ 48.3031, 28.2680,
50.3682

■ 45.9675, 24.9427,
45.4402

■ 44.2450, 22.7679,
40.9507

■ 43.0472, 21.5676,
36.8661

Harmonies

Analogous

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



77.3963, 79.1496, 94.9053



78.6123, 79.1496, 90.4910



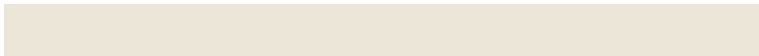
78.9152, 79.1496, 85.0842

Triad

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



78.6123, 79.1496, 90.4910



74.8455, 79.1496, 76.2041



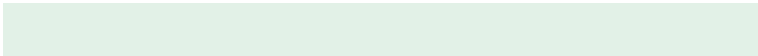
72.3186, 79.1496, 92.4753

Complementary

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



78.6123, 79.1496, 90.4910



77.2461, 84.8509, 87.9120

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.



71.6601, 79.1496, 87.2861



78.6123, 79.1496, 90.4910



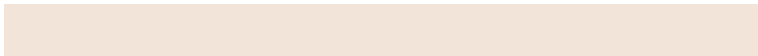
73.1031, 79.1496, 78.0074

Square

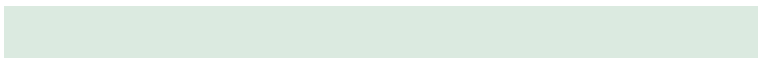
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6123, 79.1496, 90.4910



76.7198, 79.1496, 76.9818



71.9448, 79.1496, 82.0090



73.7583, 79.1496, 96.0842

Rectangle

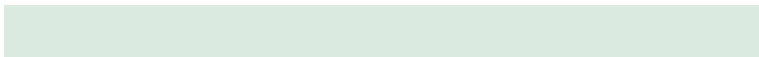
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.6123, 79.1496, 90.4910



78.5541, 79.1496, 81.6738



71.9448, 79.1496, 82.0090



71.9997, 79.1496, 90.8499

Sweetspot

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



78.6146, 79.1530, 90.4927



93.1719, 96.6800, 106.9293



76.0317, 77.7364, 94.2175



19.9623, 20.7283, 22.9080



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.



78.6146, 79.1530, 90.4927



88.6741, 88.7579, 102.1205



77.5478, 78.7263, 84.8753



16.5197, 16.4670, 19.0307



23.2082, 11.5557, 19.5448



1.9767, 0.9797, 1.8679

Inverse Universe

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



78.6146, 79.1530, 90.4927



88.6741, 88.7579, 102.1205



78.3280, 85.2837, 93.6093



16.5197, 16.4670, 19.0307



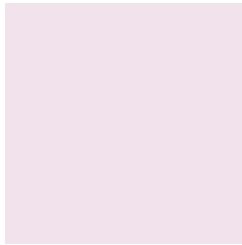
23.2082, 11.5557, 19.5448



1.9767, 0.9797, 1.8679

Previews

White Background



This preview shows how the XYZ color 78.6123, 79.1496, 90.4910 looks on a white background.

Color Contrast Check

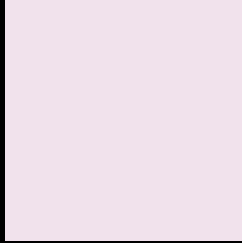
Large Text (above 18pt) WCAG AA × Fail

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 78.6123, 79.1496, 90.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

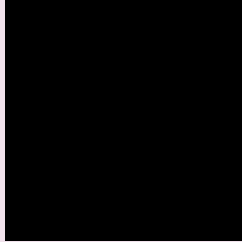
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

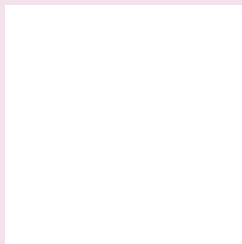
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.6123, 79.1496, 90.4910

Background



This preview shows how black text looks on a background with the XYZ color 78.6123, 79.1496, 90.4910.



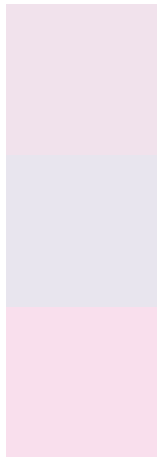
This preview shows how white text looks on a background with the XYZ color 78.6123, 79.1496,

90.4910.

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

78.6123, 79.1496, 90.4910

Protanopia

76.7306, 79.3675, 92.1642

Deuteranopia

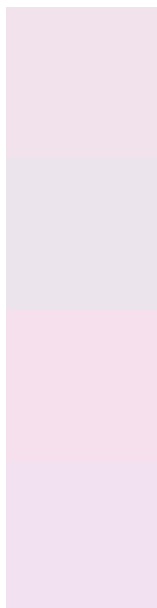
80.7407, 79.0295, 91.1195



Tritanopia

79.7208, 79.1987, 95.8792

Trichromacy



Original Color

78.6123, 79.1496, 90.4910

Protanomaly

77.2904, 79.2634, 91.3465

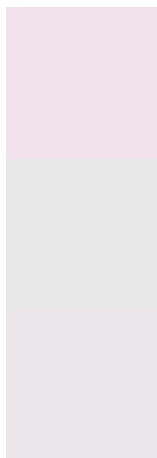
Deuteranomaly

79.9478, 79.0186, 91.1592

Tritanomaly

79.2713, 79.0189, 93.5122

Monochromacy



Original Color

78.6123, 79.1496, 90.4910

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2657, 80.1390, 88.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6123, 79.1496, 90.4910 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(241, 226, 236) looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 236)  
}
```

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(241, 226, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 236) }
```

Border

The CSS property to change the border of an element to XYZ 78.6123, 79.1496, 90.4910 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(241, 226, 236) }
```


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

```
.border{ border-color:rgb(241, 226, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 226, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 226, 236); box-shadow:4px 4px 4px 4px rgb(241, 226, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6123, 79.1496, 90.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 236) }
```

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

```
.background{ background-color: rgb(241,  
226, 236) }
```

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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