

Converting Colors

XYZ(79.2493, 79.8778, 91.7153)

Have a look what the booklet for
XYZ(79.2493, 79.8778, 91.7153)
contains.

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Color

**XYZ(79.0308, 79.7534,
91.3493)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E3ED
RGB	241, 227, 237
RGB Percent	95%, 89%, 93%
CMY	0.0549, 0.1098, 0.0706
CMYK	0.00, 0.06, 0.02, 0.05
HSL	317°, 33%, 92%
HSV	317°, 6%, 95%
XYZ	79.0308, 79.7534, 91.3493
YIQ	232.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

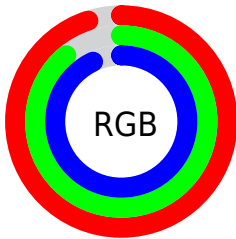
Format	Color
R _Y B	241, 227, 237
Decimal	15852525
CIE Lab	91.57, 6.49, -3.16
CIE LCh	92, 7.217, 334.053
Yxy	79.7534, 0.3160, 0.3188
Android (android.graphics.Color)	4294042605 (0xFFFF1E3ED)
YUV	232.3260, 2.3043, 7.6071
Hunter-Lab	89.3048, 1.6814, 1.8659

Details

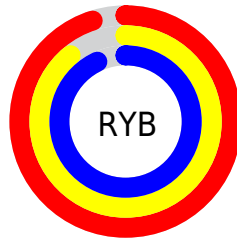
The XYZ color **79.0308, 79.7534, 91.3493** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5607, 85.0132, 87.9269**, and the grayscale version is **76.9285, 80.9347, 88.1379**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1006, 43.1555, 49.7743** is the 20% darker color. If you saturate the color by 10%, you get **71.9087, 67.0879, 84.1058**, and if you desaturate by 10%, it is **87.1188, 94.2865, 99.1074**.

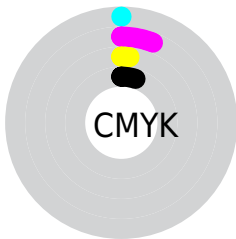
Distribution



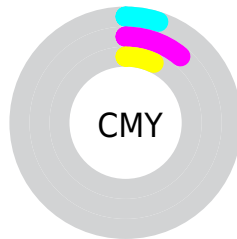
- Red (95%)
- Green (89%)
- Blue (93%)



- 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 79.0308, 79.7534, 91.3493 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 79.0308, 79.7534, 91.3493 by changing the saturation by 10% instead.

79.0308, 79.7534,
91.3493

79.0308, 79.7534,
91.3493

480.4470,
494.1014, 553.0933

59.2269, 59.5154,
68.5203

130.9599,
133.0190, 151.1631

43.0428, 43.0282,
49.8518

163.8158,
166.8154, 188.9849

30.1134, 29.9072,
34.9253

201.7530,
205.9001, 232.6414

20.0732, 19.7682,
23.3222

245.1370,
250.6574, 282.5512

12.5568, 12.2267,
14.6241

294.3330,
301.4718, 339.1327

7.1990, 6.8982,
8.4123

349.7064,

3.6343, 3.3985,

358.7277, 402.8046

4.2684

411.6226,
422.8094, 473.9852

■ 1.4974, 1.3432,
1.7737

■ 0.3241, 0.1743,
0.4105

■ 79.0308, 79.7534,
91.3493

■ 79.0308, 79.7534,
91.3493

■ 71.9087, 67.0879,
84.1058

■ 87.1188, 94.2865,
99.1074

■ 65.7070, 56.2032,
77.3568

■ 89.4136, 97.1720,
105.1263

■ 60.3869, 47.0211,
71.0882

■ 90.0862, 97.4410,
108.6677

■ 55.9039, 39.4535,
65.2829

■ 52.2097, 33.4044,
59.9226

■ 49.2508, 28.7676,
54.9871

■ 46.9667, 25.4228,
50.4542

■ 45.2870, 23.2300,
46.2978

■ 44.1247, 22.0159,
42.4866

Harmonies

Analogous

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



77.8026, 79.7534, 95.5105



79.0308, 79.7534, 91.3493



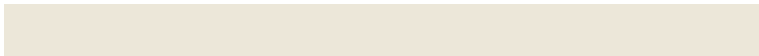
79.3891, 79.7534, 86.1234

Triad

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



79.0308, 79.7534, 91.3493



75.5533, 79.7534, 77.1134



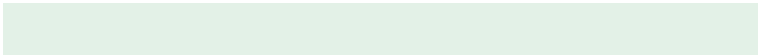
72.9082, 79.7534, 92.6389

Complementary

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



79.0308, 79.7534, 91.3493



77.5607, 85.0132, 87.9269

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.



72.3270, 79.7534, 87.5563



79.0308, 79.7534, 91.3493



73.8384, 79.7534, 78.7068

Square

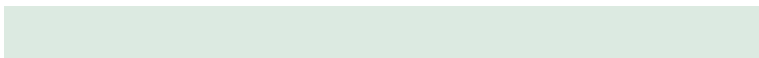
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0308, 79.7534, 91.3493



77.3625, 79.7534, 78.0377



72.6647, 79.7534, 82.4775



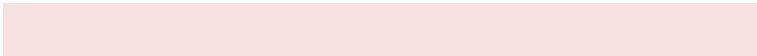
74.2650, 79.7534, 96.2760

Rectangle

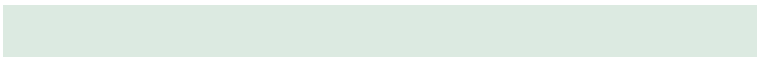
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0308, 79.7534, 91.3493



79.0817, 79.7534, 82.7713



72.6647, 79.7534, 82.4775



72.6167, 79.7534, 91.0355

Sweetspot

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



79.0331, 79.7569, 91.3510



93.2107, 96.6956, 107.1336



76.2938, 78.2764, 94.3080



19.9702, 20.7314, 22.9496



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.



79.0331, 79.7569, 91.3510



88.8070, 88.8110, 102.8206



78.0351, 79.3577, 86.0957



16.5465, 16.4778, 19.1719



23.7768, 11.7831, 22.5389



2.0206, 0.9973, 2.0994

Inverse Universe

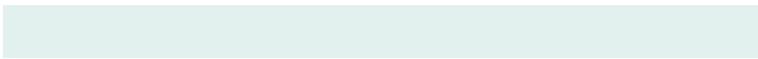
The Inverse Universe completely reimagines the original color for something new.



79.0331, 79.7569, 91.3510



88.8070, 88.8110, 102.8206



78.5642, 85.4146, 93.2110



16.5465, 16.4778, 19.1719



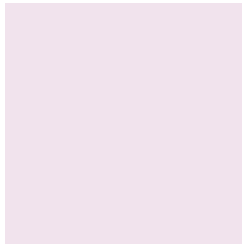
23.7768, 11.7831, 22.5389



2.0206, 0.9973, 2.0994

Previews

White Background



This preview shows how the XYZ color 79.0308, 79.7534, 91.3493 looks on a white background.

Color Contrast Check

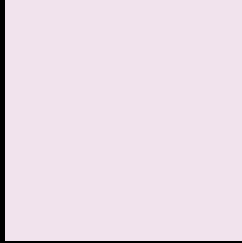
Large Text (above 18pt) WCAG AA × Fail

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 79.0308, 79.7534, 91.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

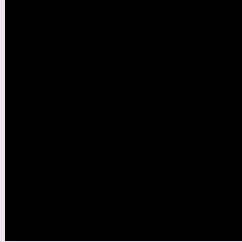
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

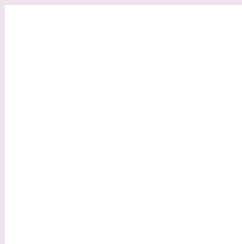
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0308, 79.7534, 91.3493

Background



This preview shows how black text looks on a background with the XYZ color 79.0308, 79.7534, 91.3493.



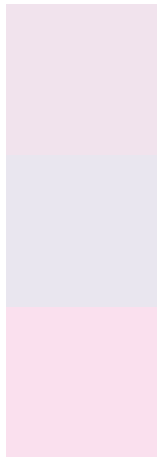
This preview shows how white text looks on a background with the XYZ color 79.0308, 79.7534,

91.3493.

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

79.0308, 79.7534, 91.3493

Protanopia

77.4811, 80.1493, 93.0480

Deuteranopia

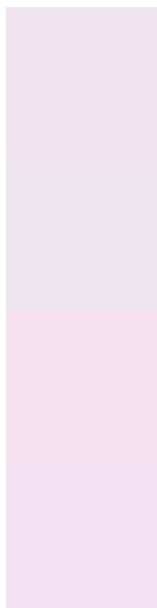
81.5126, 79.8083, 91.9973



Tritanopia

80.1434, 79.8016, 96.7672

Trichromacy



Original Color

79.0308, 79.7534, 91.3493

Protanomaly

78.0440, 80.0445, 92.2257

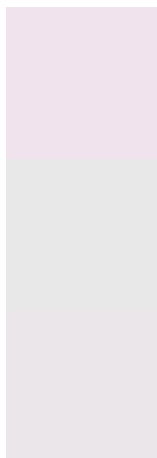
Deuteranomaly

80.7156, 79.7976, 92.0372

Tritanomaly

79.6915, 79.6208, 94.3873

Monochromacy



Original Color

79.0308, 79.7534, 91.3493

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.4090, 80.1963, 89.2414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0308, 79.7534, 91.3493 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, 227, 237) looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 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(241, 227, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.0308, 79.7534, 91.3493 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, 227, 237) }
```


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

```
.border{ border-color:rgb(241, 227, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 227, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0308, 79.7534, 91.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 237) }
```

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

```
.background{ background-color: rgb(241,  
227, 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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