

Converting Colors

XYZ(80.1596, 79.3889,
100.7839)

Have a look what the booklet for
XYZ(80.1596, 79.3889, 100.7839)
contains.

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Color

**XYZ(79.9593, 79.2152,
100.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E1F9
RGB	240, 225, 249
RGB Percent	94%, 88%, 98%
CMY	0.0588, 0.1176, 0.0235
CMYK	0.04, 0.10, 0.00, 0.02
HSL	277°, 67%, 93%
HSV	277°, 10%, 98%
XYZ	79.9593, 79.2152, 100.6983
YIQ	232.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

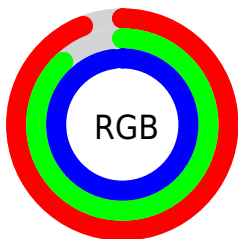
Format	Color
R _Y B	240, 225, 249
Decimal	15786489
CIE Lab	91.33, 9.37, -9.80
CIE LCh	91, 13.560, 313.703
Yxy	79.2152, 0.3077, 0.3048
Android (android.graphics.Color)	4293976569 (0xFFFF0E1F9)
YUV	232.2210, 8.2720, 6.8222
Hunter-Lab	89.0029, 4.6074, -4.7789

Details

The XYZ color **79.9593, 79.2152, 100.6983** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4008, 90.6821, 84.4511**, and the grayscale version is **76.8085, 80.8086, 88.0005**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7675, 42.7901, 56.4046** is the 20% darker color. If you saturate the color by 10%, you get **70.6242, 65.1299, 98.4728**, and if you desaturate by 10%, it is **90.4438, 95.3545, 103.2621**.

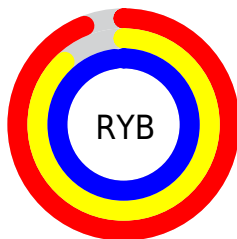
Distribution



Red (94%)

Green (88%)

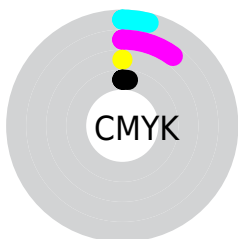
Blue (98%)



Red (94%)

Yellow (88%)

Blue (98%)

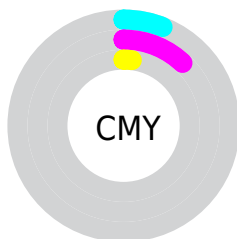


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (6%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9593, 79.2152, 100.6983 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 79.9593, 79.2152, 100.6983 by changing the saturation by 10% instead.

79.9593, 79.2152,
100.6983

79.9593, 79.2152,
100.6983

483.5343,
492.2841, 583.6950

59.9932, 59.0728,
76.2637

132.2593,
132.2618, 164.1767

43.6626, 42.6717,
56.1408

165.3240,
165.9347, 204.0576

30.6021, 29.6276,
39.9111

203.4855,
204.8866, 249.9244

20.4464, 19.5561,
27.1560

247.1094,
249.5018, 302.1955

12.8301, 12.0728,
17.4569

296.5608,
300.1648, 361.2896

7.3878, 6.7933,
10.3954

352.2052,

3.7543, 3.3332,

357.2599, 427.6252

5.5529

414.4079,
421.1715, 501.6208

■ 1.5641, 1.3080,
2.5108

■ 0.3688, 0.1474,
0.8459

■ 79.9593, 79.2152,
100.6983

■ 79.9593, 79.2152,
100.6983

■ 70.6242, 65.1299,
98.4728

■ 90.4438, 95.3545,
103.2621

■ 62.3868, 53.0027,
96.5661

■ 94.0991, 99.6196,
103.8927

■ 55.2016, 42.7448,
94.9649

■ 49.0168, 34.2567,
93.6525

■ 43.7761, 27.4292,
92.6109

■ 39.4165, 22.1409,
91.8199

■ 35.8668, 18.2530,
91.2565

■ 33.0423, 15.6006,
90.8934

■ 30.8105, 13.9227,
90.6872

Harmonies

Analogous

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



76.8710, 79.2152, 106.0158



79.9593, 79.2152, 100.6983



81.8268, 79.2152, 91.6827

Triad

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



79.9593, 79.2152, 100.6983



77.1648, 79.2152, 69.3027



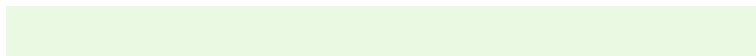
69.0409, 79.2152, 90.8221

Complementary

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



79.9593, 79.2152, 100.6983



81.4008, 90.6821, 84.4511

Split Complementary

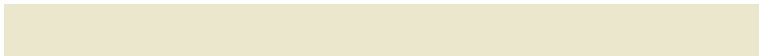
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1141, 79.2152, 81.0399



79.9593, 79.2152, 100.6983



73.7341, 79.2152, 69.1109

Square

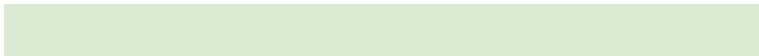
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9593, 79.2152, 100.6983



80.1801, 79.2152, 73.8033



70.8093, 79.2152, 73.2578



70.6061, 79.2152, 100.0270

Rectangle

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



79.9593, 79.2152, 100.6983



82.0936, 79.2152, 85.0330



70.8093, 79.2152, 73.2578



68.8762, 79.2152, 87.4824

Sweetspot

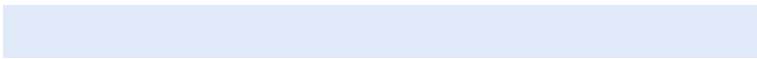
The Sweet Spot groups the original color and five complimentary colors.



79.9616, 79.2186, 100.7000



91.6102, 94.6757, 108.0536



77.6330, 81.8099, 101.3229



19.4156, 19.9672, 23.0807



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.



79.9616, 79.2186, 100.7000



81.9565, 79.8946, 105.7094



82.6597, 80.6596, 98.5636



17.3254, 17.1804, 21.7883



16.6145, 7.5077, 48.5470



1.6562, 0.7559, 4.5018

Inverse Universe

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



80.8461, 79.9341, 89.0134



83.1256, 80.8355, 90.4843



78.9057, 89.3513, 86.3446



17.5138, 17.3329, 19.2957



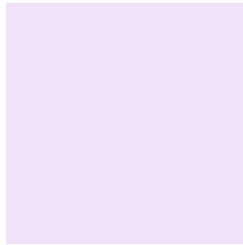
22.0419, 11.2325, 6.9290



2.0910, 1.0601, 0.9025

Previews

White Background



This preview shows how the XYZ color 79.9593, 79.2152, 100.6983 looks on a white background.

Color Contrast Check

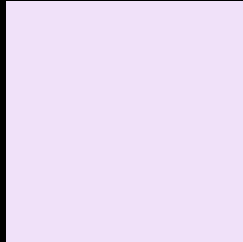
Large Text (above 18pt) WCAG AA × Fail

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 79.9593, 79.2152, 100.6983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

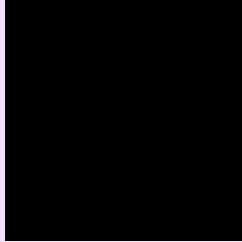
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

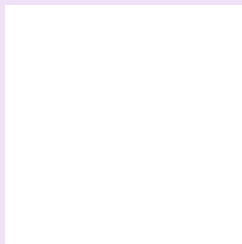
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9593, 79.2152, 100.6983

Background



This preview shows how black text looks on a background with the XYZ color 79.9593, 79.2152, 100.6983.



This preview shows how white text looks on a background with the XYZ color 79.9593, 79.2152,

100.6983.

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

79.9593, 79.2152, 100.6983

Protanopia

77.4268, 79.4976, 102.5305

Deuteranopia

81.0628, 79.3840, 100.6727



Tritanopia

79.1221, 79.2751, 96.7194

Trichromacy



Original Color

79.9593, 79.2152, 100.6983

Protanomaly

78.2774, 79.5447, 101.6705

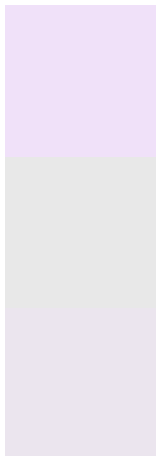
Deuteranomaly

80.7167, 79.2055, 100.6565

Tritanomaly

79.4275, 79.3973, 98.3277

Monochromacy



Original Color

79.9593, 79.2152, 100.6983

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.7129, 79.8738, 92.2102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9593, 79.2152, 100.6983 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(240, 225, 249) looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 249)  
}
```

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(240, 225, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 249) }
```

Border

The CSS property to change the border of an element to XYZ 79.9593, 79.2152, 100.6983 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(240, 225, 249) }
```


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

```
.border{ border-color:rgb(240, 225, 249) }
```

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

Here you see how a box with a 4 pixel rgb(240, 225, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 249);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9593, 79.2152, 100.6983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 225, 249) }
```

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

```
.background{ background-color: rgb(240,  
225, 249) }
```

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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