

Converting Colors

XYZ(76.0552, 79.0933,
103.7278)

Have a look what the booklet for
XYZ(76.0552, 79.0933, 103.7278)
contains.

XYZ(75.9917, 79.1515, 103.3680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.9917, 79.1515,
103.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE6FC
RGB	222, 230, 252
RGB Percent	87%, 90%, 99%
CMY	0.1294, 0.0980, 0.0118
CMYK	0.12, 0.09, 0.00, 0.01
HSL	224°, 83%, 93%
HSV	224°, 12%, 99%
XYZ	75.9917, 79.1515, 103.3680
YIQ	230.1160, -11.8300, 5.1460

Conversions

Conversions Part 2

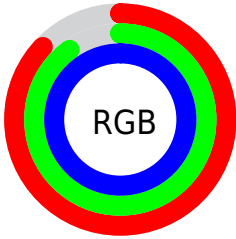
Format	Color
R _{YB}	222, 228, 252
Decimal	14608124
CIE Lab	91.30, 1.55, -11.56
CIE LCh	91, 11.664, 277.654
Yxy	79.1515, 0.2940, 0.3062
Android (android.graphics.Color)	4292798204 (0xFFDEE6FC)
YUV	230.1160, 10.7888, -7.1177
Hunter-Lab	88.9671, -3.2258, -6.6101

Details

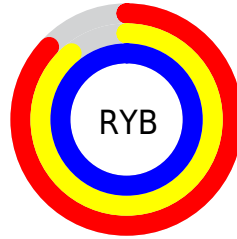
The XYZ color **75.9917, 79.1515, 103.3680** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6808, 90.6703, 82.0941**, and the grayscale version is **75.2305, 79.1484, 86.1926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1166, 42.8156, 57.7269** is the 20% darker color. If you saturate the color by 10%, you get **63.9707, 65.7231, 101.4109**, and if you desaturate by 10%, it is **89.7161, 94.2713, 105.5643**.

Distribution



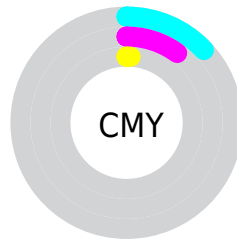
- Red (87%)
- Green (90%)
- Blue (99%)



- Red (87%)
- Yellow (89%)
- Blue (99%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9917, 79.1515, 103.3680 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 75.9917, 79.1515, 103.3680 by changing the saturation by 10% instead.

■ 75.9917, 79.1515,
103.3680

■ 75.9917, 79.1515,
103.3680

470.2641,
492.0687, 592.2763

■ 56.7227, 59.0204,
78.4838

126.6956,
132.1721, 167.8700

■ 41.0219, 42.6295,
57.9527

158.8612,
165.8304, 208.3249

■ 28.5240, 29.5945,
41.3561

196.0565,
204.7665, 254.8071

■ 18.8635, 19.5310,
28.2757

238.6467,
249.3649, 307.7351

■ 11.6751, 12.0546,
18.2927

286.9972,
300.0099, 367.5275

■ 6.5935, 6.7809,
10.9887

341.4733,

■ 3.2532, 3.3254,

357.0860, 434.6028

5.9452

402.4405,
420.9774, 509.3796

■ 1.2891, 1.3039,
2.7435

■ 0.1750, 0.1442,
0.9652

■ 75.9917, 79.1515,
103.3680

■ 75.9917, 79.1515,
103.3680

■ 63.9707, 65.7231,
101.4109

■ 89.7161, 94.2713,
105.5643

■ 53.5780, 53.9162,
99.6797

94.5709, 99.8084,
106.3772

■ 44.7435, 43.6701,
98.1676

■ 37.3888, 34.9168,
96.8657

■ 31.4287, 27.5827,
95.7642

■ 26.7684, 21.5875,
94.8526

■ 23.3007, 16.8420,
94.1194

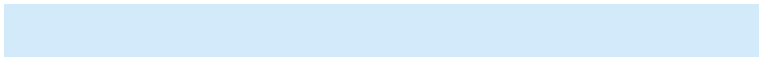
■ 20.8989, 13.2439,
93.5515

■ 19.5916, 11.0697,
93.2007

Harmonies

Analogous

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



73.0878, 79.1515, 102.1548



75.9917, 79.1515, 103.3680



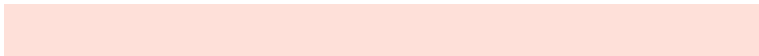
78.7619, 79.1515, 99.7426

Triad

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



75.9917, 79.1515, 103.3680



79.8278, 79.1515, 76.6035



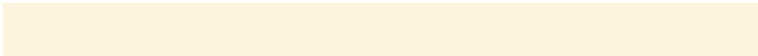
70.0888, 79.1515, 80.1325

Complementary

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



75.9917, 79.1515, 103.3680



85.6808, 90.6703, 82.0941

Split Complementary

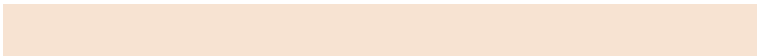
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8075, 79.1515, 73.9108



75.9917, 79.1515, 103.3680



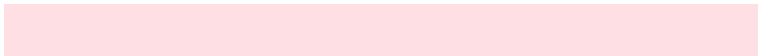
77.4159, 79.1515, 71.9684

Square

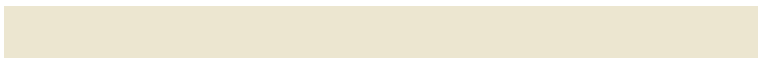
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9917, 79.1515, 103.3680



81.0142, 79.1515, 84.0298



74.4756, 79.1515, 71.0159



69.7301, 79.1515, 88.3717

Rectangle

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



75.9917, 79.1515, 103.3680



80.1427, 79.1515, 95.2012



74.4756, 79.1515, 71.0159



70.5244, 79.1515, 77.7522

Sweetspot

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



75.9940, 79.1548, 103.3698



89.0568, 93.4372, 107.9491



81.1893, 91.6531, 98.6035



18.8275, 19.7421, 23.0682



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.



75.9940, 79.1548, 103.3698



75.3243, 78.2678, 105.7449



75.8472, 75.8483, 102.7393



16.6596, 17.3961, 21.8650



10.3079, 5.9715, 48.5829



1.0379, 0.7194, 4.5273

Inverse Universe

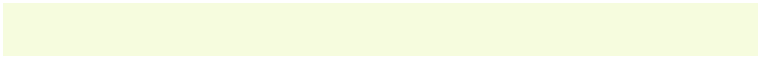
The Inverse Universe completely reimagines the original color for something new.



80.5509, 78.6529, 85.8027



80.7681, 77.7270, 84.7456



85.8274, 94.3986, 82.8060



17.4347, 17.3013, 18.8791



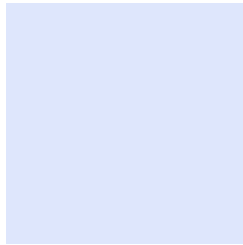
21.4950, 11.0137, 4.0491



2.0328, 1.0369, 0.5961

Previews

White Background



This preview shows how the XYZ color 75.9917, 79.1515, 103.3680 looks on a white background.

Color Contrast Check

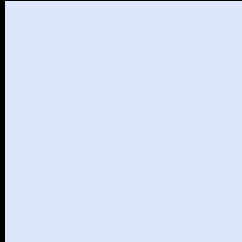
Large Text (above 18pt) WCAG AA × Fail

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 75.9917, 79.1515, 103.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

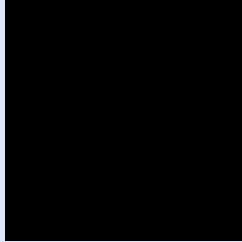
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9917, 79.1515, 103.3680

Background



This preview shows how black text looks on a background with the XYZ color 75.9917, 79.1515, 103.3680.



This preview shows how white text looks on a background with the XYZ color 75.9917, 79.1515,

103.3680.

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

75.9917, 79.1515, 103.3680

Protanopia

77.1509, 78.9458, 102.4386

Deuteranopia

80.6609, 79.1039, 103.9458



Tritanopia

75.4936, 79.3635, 100.9623

Trichromacy



Original Color

75.9917, 79.1515, 103.3680

Protanomaly

76.7959, 79.1724, 102.5010

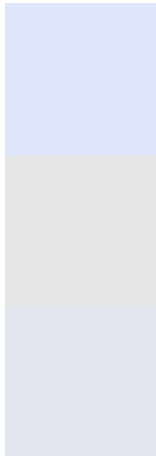
Deuteranomaly

78.8577, 78.9770, 104.0163

Tritanomaly

75.6500, 79.4261, 101.7861

Monochromacy



Original Color

75.9917, 79.1515, 103.3680

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4080, 79.0976, 92.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9917, 79.1515, 103.3680 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(222, 230, 252)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 252)  
}
```

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(222, 230, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 252) }
```

Border

The CSS property to change the border of an element to XYZ 75.9917, 79.1515, 103.3680 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(222, 230, 252) }
```


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

```
.border{ border-color:rgb(222, 230, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 252);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9917, 79.1515, 103.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 252) }
```

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

```
.background{ background-color: rgb(222,  
230, 252) }
```

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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