

Converting Colors

XYZ(73.6420, 79.1688, 95.4309)

Have a look what the booklet for
XYZ(73.6420, 79.1688, 95.4309)
contains.

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Color

**XYZ(73.7812, 79.4403,
95.4492)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9E9F2 |
| RGB | 217, 233, 242 |
| RGB Percent | 85%, 91%, 95% |
| CMY | 0.1490, 0.0863, 0.0510 |
| CMYK | 0.10, 0.04, 0.00, 0.05 |
| HSL | 202°, 49%, 90% |
| HSV | 202°, 10%, 95% |
| XYZ | 73.7812, 79.4403, 95.4492 |
| YIQ | 229.2420, -12.4250, -0.5930 |

Conversions

Conversions Part 2

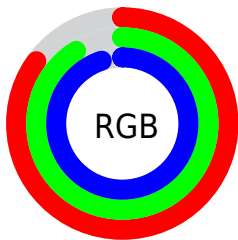
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 227, 242 |
| Decimal | 14281202 |
| CIE Lab | 91.43, -3.55, -6.18 |
| CIE LCh | 91, 7.130, 240.115 |
| Yxy | 79.4403, 0.2967, 0.3195 |
| Android (android.graphics.Color) | 4292471282 (0xFFD9E9F2) |
| YUV | 229.2420, 6.2897, -10.7362 |
| Hunter-Lab | 89.1293, -8.2140, -1.1036 |

Details

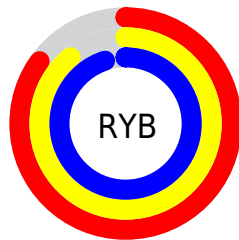
The XYZ color **73.7812, 79.4403, 95.4492** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3391, 78.2794, 76.7331**, and the grayscale version is **74.6179, 78.5038, 85.4907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4854, 42.6708, 52.6096** is the 20% darker color. If you saturate the color by 10%, you get **64.7044, 71.1930, 94.3369**, and if you desaturate by 10%, it is **84.0390, 88.4814, 96.6549**.

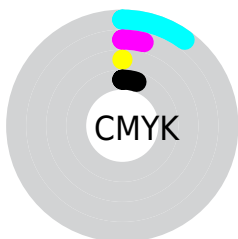
Distribution



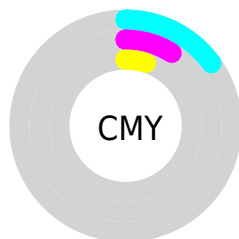
- Red (85%)
- Green (91%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7812, 79.4403, 95.4492 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 73.7812, 79.4403, 95.4492 by changing the saturation by 10% instead.

■ 73.7812, 79.4403,
95.4492

■ 73.7812, 79.4403,
95.4492

462.7799,
493.0446, 566.6231

■ 54.9056, 59.2579,
71.9099

123.5828,
132.5785, 156.8860

■ 39.5597, 42.8208,
52.5987

155.2395,
166.3031, 195.6205

■ 27.3781, 29.7445,
37.0970

191.8872,
205.3106, 240.2573

■ 17.9954, 19.6447,
24.9862

233.8915,
249.9853, 291.2149

■ 11.0464, 12.1371,
15.8479

281.6175,
300.7117, 348.9116

■ 6.1656, 6.8371,
9.2634

335.4306,

■ 2.9876, 3.3604,

357.8741, 413.7663

4.8142

395.6963,
421.8569, 486.1972

■ 1.1472, 1.3227,
2.0818

■ 0.0641, 0.1587,
0.6049

■ 73.7812, 79.4403,
95.4492

■ 73.7812, 79.4403,
95.4492

■ 64.7044, 71.1930,
94.3369

■ 84.0390, 88.4814,
96.6549

■ 56.7544, 63.7025,
93.3101

■ 91.5844, 96.3052,
97.7674

■ 49.8825, 56.9432,
92.3677

■ 93.0272, 99.1909,
98.2483

■ 44.0338, 50.8841,
91.5064

■ 39.1481, 45.4914,
90.7230

■ 35.1584, 40.7278,
90.0138

■ 31.9881, 36.5510,
89.3747

■ 29.5464, 32.9110,
88.8008

■ 27.7341, 29.8245,
88.3006

Harmonies

Analogous

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



72.5288, 79.4403, 91.6058



73.7812, 79.4403, 95.4492



75.5126, 79.4403, 96.8745

Triad

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



73.7812, 79.4403, 95.4492



79.0472, 79.4403, 86.4769



73.7693, 79.4403, 78.1415

Complementary

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



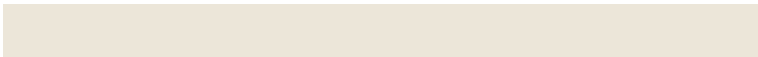
73.7812, 79.4403, 95.4492



76.3391, 78.2794, 76.7331

Split Complementary

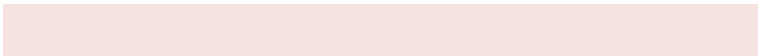
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4986, 79.4403, 76.8884



73.7812, 79.4403, 95.4492



78.5628, 79.4403, 81.5817

Square

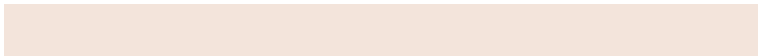
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7812, 79.4403, 95.4492



78.5700, 79.4403, 91.5697



77.2567, 79.4403, 78.1228



72.5220, 79.4403, 81.6151

Rectangle

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



73.7812, 79.4403, 95.4492



76.7114, 79.4403, 96.2190



77.2567, 79.4403, 78.1228



74.3126, 79.4403, 77.4530

Sweetspot

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



73.7835, 79.4436, 95.4510



91.4194, 96.8339, 108.4802



74.0620, 83.7346, 84.0321



19.3643, 20.5483, 23.1956



0.0000, 0.0000, 0.0000



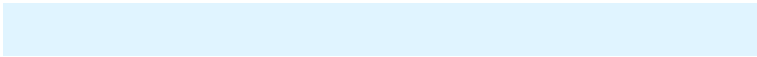
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7835, 79.4436, 95.4510



81.2617, 87.8254, 107.2768



70.4342, 72.7450, 94.3345



15.7411, 16.9164, 20.1572



15.0328, 16.2899, 47.4798



1.3445, 1.5429, 3.9812

Inverse Universe

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



76.1406, 74.3878, 87.4398



84.3306, 81.3175, 96.8295



79.7910, 85.1831, 77.8837



16.1988, 15.9292, 18.6030



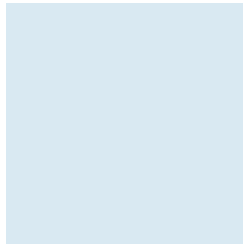
22.9135, 11.4378, 17.9929



1.9536, 0.9705, 1.7463

Previews

White Background



This preview shows how the XYZ color 73.7812, 79.4403, 95.4492 looks on a white background.

Color Contrast Check

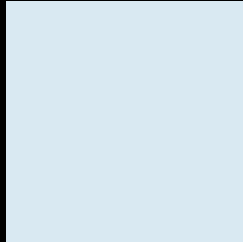
Large Text (above 18pt) WCAG AA × Fail

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 73.7812, 79.4403, 95.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

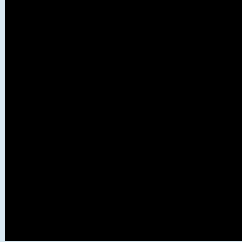
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

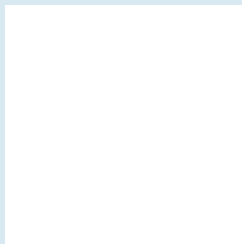
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7812, 79.4403, 95.4492

Background



This preview shows how black text looks on a background with the XYZ color 73.7812, 79.4403, 95.4492.



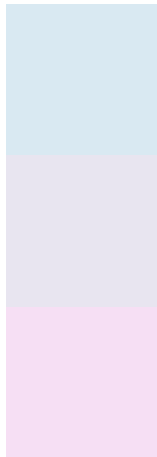
This preview shows how white text looks on a background with the XYZ color 73.7812, 79.4403,

95.4492.

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

73.7812, 79.4403, 95.4492

Protanopia

77.0262, 79.4857, 93.7206

Deuteranopia

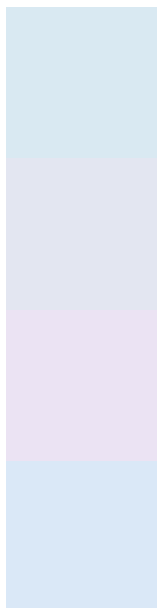
80.7228, 78.8998, 96.5626



Tritanopia

75.0254, 79.5208, 101.8373

Trichromacy



Original Color

73.7812, 79.4403, 95.4492

Protanomaly

75.8526, 79.2754, 94.5229

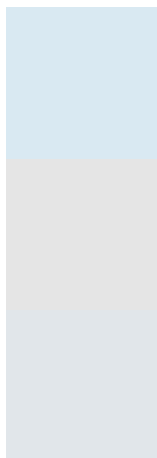
Deuteranomaly

77.9077, 79.0714, 95.9501

Tritanomaly

74.5586, 79.3341, 99.3790

Monochromacy



Original Color

73.7812, 79.4403, 95.4492

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1994, 78.5417, 89.0912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7812, 79.4403, 95.4492 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(217, 233, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 233, 242)  
}
```

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(217, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 233, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.7812, 79.4403, 95.4492 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(217, 233, 242) }
```


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

```
.border{ border-color:rgb(217, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 233,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7812, 79.4403, 95.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 233, 242) }
```

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

```
.background{ background-color: rgb(217,  
233, 242) }
```

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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