

Converting Colors

XYZ(73.4784, 79.9009, 95.5974)

Have a look what the booklet for
XYZ(73.4784, 79.9009, 95.5974)
contains.

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Color

**XYZ(73.4742, 79.7035,
95.5162)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EAF2
RGB	215, 234, 242
RGB Percent	84%, 92%, 95%
CMY	0.1569, 0.0823, 0.0510
CMYK	0.11, 0.03, 0.00, 0.05
HSL	198°, 51%, 90%
HSV	198°, 11%, 95%
XYZ	73.4742, 79.7035, 95.5162
YIQ	229.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

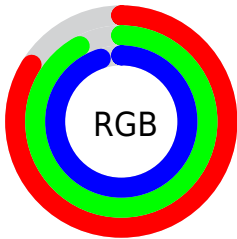
Format	Color
R _{YB}	215, 226, 242
Decimal	14150386
CIE Lab	91.55, -4.70, -6.02
CIE LCh	92, 7.640, 232.020
Yxy	79.7035, 0.2954, 0.3205
Android (android.graphics.Color)	4292340466 (0xFFD7EAF2)
YUV	229.2310, 6.2951, -12.4806
Hunter-Lab	89.2768, -9.3302, -0.9399

Details

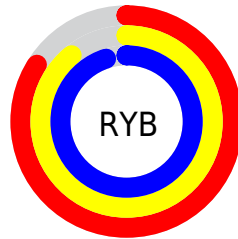
The XYZ color **73.4742, 79.7035, 95.5162** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2719, 76.5587, 75.1016**, and the grayscale version is **74.6106, 78.4961, 85.4823**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2805, 42.8595, 52.6568** is the 20% darker color. If you saturate the color by 10%, you get **64.8881, 72.3110, 94.5431**, and if you desaturate by 10%, it is **83.1987, 87.8097, 96.5696**.

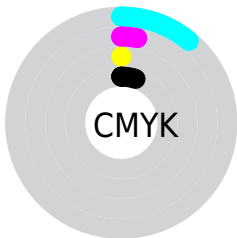
Distribution



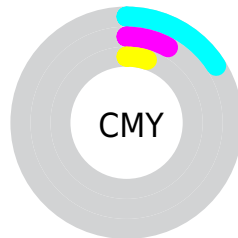
- Red (84%)
- Green (92%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4742, 79.7035, 95.5162 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 73.4742, 79.7035, 95.5162 by changing the saturation by 10% instead.

■ 73.4742, 79.7035,
95.5162

■ 73.4742, 79.7035,
95.5162

461.7351,
493.9330, 566.8427

■ 54.6536, 59.4744,
71.9654

123.1497,
132.9488, 156.9793

■ 39.3572, 42.9951,
52.6438

154.7352,
166.7338, 195.7286

■ 27.2197, 29.8813,
37.1327

191.3064,
205.8061, 240.3813

■ 17.8757, 19.7485,
25.0137

233.2287,
250.5503, 291.3558

■ 10.9599, 12.2124,
15.8681

280.8673,
301.3507, 349.0706

■ 6.1070, 6.8885,
9.2775

334.5877,

■ 2.9515, 3.3925,

358.5917, 413.9444

4.8234

394.7551,
422.6577, 486.3955

■ 1.1282, 1.3399,
2.0871

■ 0.0485, 0.1718,
0.6081

■ 73.4742, 79.7035,
95.5162

■ 73.4742, 79.7035,
95.5162

■ 64.8881, 72.3110,
94.5431

■ 83.1987, 87.8097,
96.5696

■ 57.3863, 65.5965,
93.6424

■ 90.9393, 95.0150,
97.5524

■ 50.9210, 59.5359,
92.8134

■ 93.0272, 99.1909,
98.2483

■ 45.4374, 54.0997,
92.0531

■ 40.8759, 49.2555,
91.3585

■ 37.1695, 44.9672,
90.7261

■ 34.2418, 41.1940,
90.1521

■ 32.0011, 37.8869,
89.6319

■ 30.4633, 35.2830,
89.2103

Harmonies

Analogous

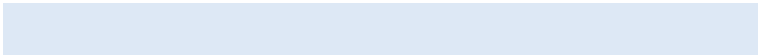
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3363, 79.7035, 90.8678



73.4742, 79.7035, 95.5162



75.2370, 79.7035, 97.8457

Triad

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



73.4742, 79.7035, 95.5162



79.5258, 79.7035, 88.2812



74.3601, 79.7035, 77.2144

Complementary

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



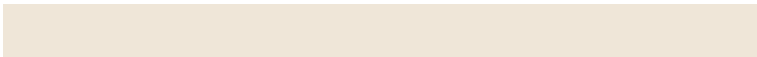
73.4742, 79.7035, 95.5162



75.2719, 76.5587, 75.1016

Split Complementary

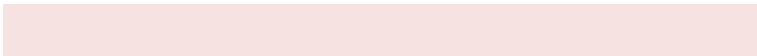
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2769, 79.7035, 76.5883



73.4742, 79.7035, 95.5162



79.2813, 79.7035, 82.8236

Square

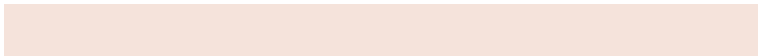
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4742, 79.7035, 95.5162



78.7466, 79.7035, 93.5534



78.0841, 79.7035, 78.6001



72.8417, 79.7035, 80.3485

Rectangle

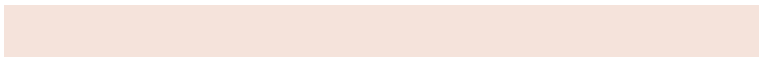
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



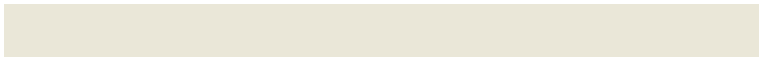
73.4742, 79.7035, 95.5162



76.5385, 79.7035, 97.7035



78.0841, 79.7035, 78.6001



74.9784, 79.7035, 76.7092

Sweetspot

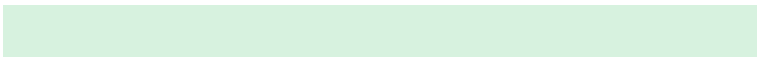
The Sweet Spot groups the original color and five complimentary colors.



73.4765, 79.7068, 95.5180



91.5728, 97.1407, 108.5314



73.0500, 83.2616, 81.7873



19.4058, 20.6312, 23.2094



0.0000, 0.0000, 0.0000



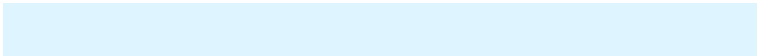
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4765, 79.7068, 95.5180



80.8357, 88.1408, 107.3601



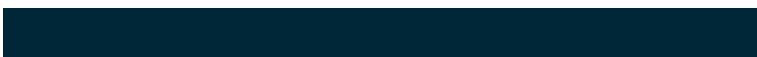
69.8697, 72.4932, 94.3157



15.8291, 17.0923, 20.1865



16.4894, 19.2030, 47.9653



1.4578, 1.7696, 4.0189

Inverse Universe

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



75.7715, 73.4204, 88.0237



83.8307, 80.0266, 97.5601



78.9237, 83.8623, 76.3188



16.2432, 15.9470, 18.8367



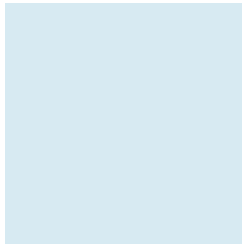
23.6487, 11.7319, 21.8644



2.0108, 0.9934, 2.0476

Previews

White Background



This preview shows how the XYZ color 73.4742, 79.7035, 95.5162 looks on a white background.

Color Contrast Check

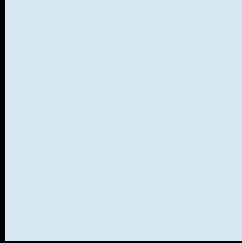
Large Text (above 18pt) WCAG AA × Fail

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 73.4742, 79.7035, 95.5162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

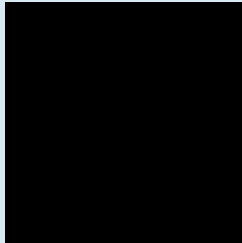
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

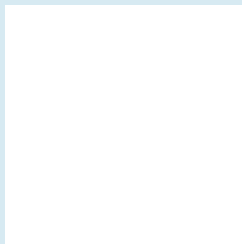
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4742, 79.7035, 95.5162

Background



This preview shows how black text looks on a background with the XYZ color 73.4742, 79.7035, 95.5162.



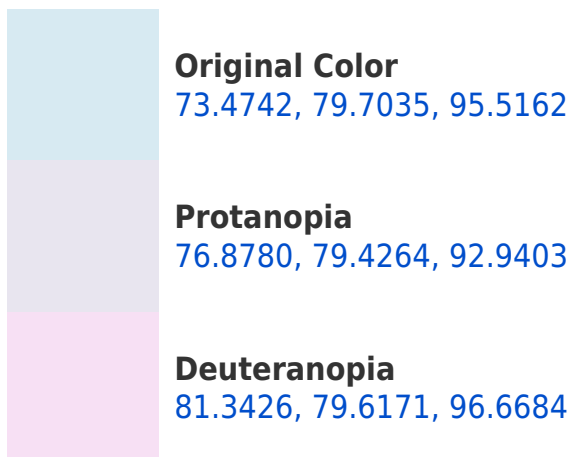
This preview shows how white text looks on a background with the XYZ color 73.4742, 79.7035,

95.5162.

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

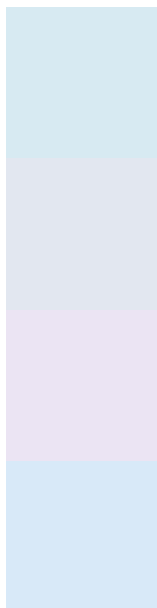




Tritanopia

75.1668, 79.9946, 102.7456

Trichromacy



Original Color

73.4742, 79.7035, 95.5162

Protanomaly

75.6681, 79.6118, 93.8166

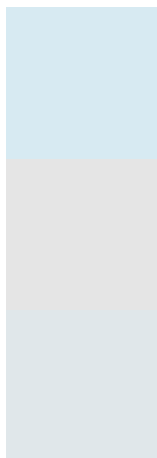
Deuteranomaly

78.1820, 79.6200, 96.0416

Tritanomaly

74.4011, 79.6541, 100.2604

Monochromacy



Original Color

73.4742, 79.7035, 95.5162

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1677, 78.9396, 89.1697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4742, 79.7035, 95.5162 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(215, 234, 242)` looks like.

```
.text, #text, p{  
    color:rgb(215, 234, 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(215, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 234, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.4742, 79.7035, 95.5162 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(215, 234, 242) }
```


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

```
.border{ border-color:rgb(215, 234, 242) }
```

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

Here you see how a box with a 4 pixel rgb(215, 234, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 234,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4742, 79.7035, 95.5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 234, 242) }
```

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

```
.background{ background-color: rgb(215,  
234, 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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