

Converting Colors

XYZ(74.0420, 80.0779, 94.5506)

Have a look what the booklet for
XYZ(74.0420, 80.0779, 94.5506)
contains.

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Color

**XYZ(73.9153, 79.9482,
94.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EAF1
RGB	217, 234, 241
RGB Percent	85%, 92%, 95%
CMY	0.1490, 0.0823, 0.0549
CMYK	0.10, 0.03, 0.00, 0.05
HSL	197°, 46%, 90%
HSV	197°, 10%, 95%
XYZ	73.9153, 79.9482, 94.7549
YIQ	229.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

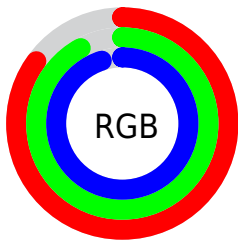
Format	Color
R _Y B	217, 227, 241
Decimal	14281457
CIE Lab	91.66, -4.26, -5.32
CIE LCh	92, 6.817, 231.334
Yxy	79.9482, 0.2973, 0.3216
Android (android.graphics.Color)	4292471537 (0xFFD9EAF1)
YUV	229.7150, 5.5635, -11.1511
Hunter-Lab	89.4138, -8.9142, -0.2421

Details

The XYZ color **73.9153, 79.9482, 94.7549** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4562, 77.0215, 76.5368**, and the grayscale version is **74.9718, 78.8762, 85.8962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5776, 43.0250, 52.1176** is the 20% darker color. If you saturate the color by 10%, you get **65.3082, 72.6023, 93.7919**, and if you desaturate by 10%, it is **83.6525, 87.9987, 95.7968**.

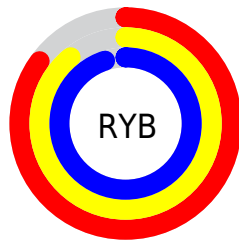
Distribution



Red (85%)

Green (92%)

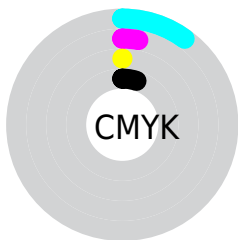
Blue (95%)



Red (85%)

Yellow (89%)

Blue (95%)

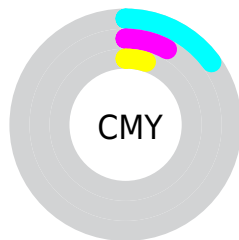


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9153, 79.9482, 94.7549 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 73.9153, 79.9482, 94.7549 by changing the saturation by 10% instead.

■ 73.9153, 79.9482,
94.7549

■ 73.9153, 79.9482,
94.7549

463.2358,
494.7582, 564.3443

■ 55.0158, 59.6757,
71.3352

123.7719,
133.2929, 155.9186

■ 39.6482, 43.1573,
52.1323

155.4596,
167.1339, 194.4997

■ 27.4474, 30.0086,
36.7276

192.1408,
206.2666, 238.9718

■ 18.0478, 19.8451,
24.7025

234.1808,
251.0753, 289.7532

■ 11.0842, 12.2825,
15.6385

281.9449,
301.9444, 347.2627

■ 6.1912, 6.9364,
9.1172

335.7986,

■ 3.0035, 3.4223,

359.2583, 411.9186

4.7198

396.1071,
423.4015, 484.1397

■ 1.1556, 1.3560,
2.0280

■ 0.0709, 0.1840,
0.5724

■ 73.9153, 79.9482,
94.7549

■ 73.9153, 79.9482,
94.7549

■ 65.3082, 72.6023,
93.7919

■ 83.6525, 87.9987,
95.7968

■ 57.7781, 65.9260,
92.9001

■ 90.7023, 94.7808,
96.7343

■ 51.2780, 59.8956,
92.0787

■ 92.8774, 99.1310,
97.4594

■ 45.7545, 54.4824,
91.3250

■ 41.1490, 49.6547,
90.6359

■ 37.3966, 45.3775,
90.0081

■ 34.4227, 41.6109,
89.4378

■ 32.1391, 38.3081,
88.9206

■ 30.3986, 35.3914,
88.4494

Harmonies

Analogous

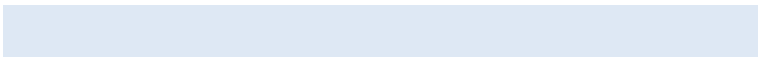
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9116, 79.9482, 90.5858



73.9153, 79.9482, 94.7549



75.4849, 79.9482, 96.8792

Triad

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



73.9153, 79.9482, 94.7549



79.3471, 79.9482, 88.5031



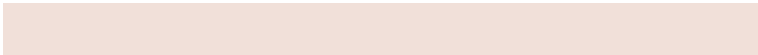
74.7766, 79.9482, 78.4189

Complementary

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



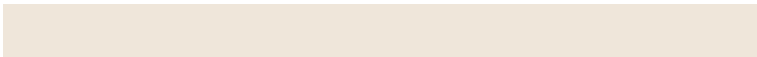
73.9153, 79.9482, 94.7549



75.4562, 77.0215, 76.5368

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.



76.4941, 79.9482, 77.9091



73.9153, 79.9482, 94.7549



79.1505, 79.9482, 83.6075

Square

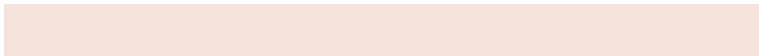
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



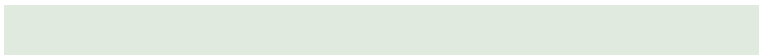
73.9153, 79.9482, 94.7549



78.6331, 79.9482, 93.1805



78.0998, 79.9482, 79.7745



73.4036, 79.9482, 81.1945

Rectangle

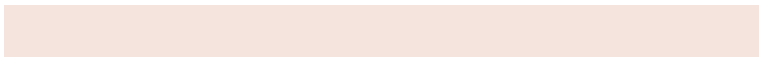
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



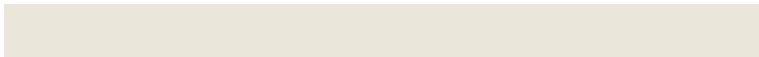
73.9153, 79.9482, 94.7549



76.6484, 79.9482, 96.7960



78.0998, 79.9482, 79.7745



75.3322, 79.9482, 77.9812

Sweetspot

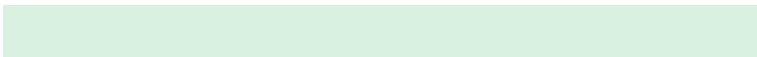
The Sweet Spot groups the original color and five complimentary colors.



73.9176, 79.9516, 94.7567



91.5840, 97.1632, 108.5351



73.4994, 83.0347, 82.5338



19.4088, 20.6373, 23.2104



0.0000, 0.0000, 0.0000



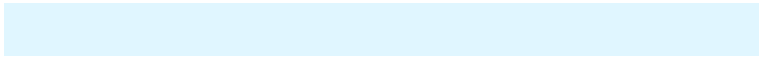
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9176, 79.9516, 94.7567



81.8945, 89.0910, 107.4877



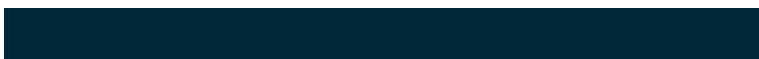
70.6683, 73.4530, 93.6736



15.8355, 17.1051, 20.1886



16.6025, 19.4292, 48.0030



1.4665, 1.7870, 4.0218

Inverse Universe

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



75.9416, 74.2687, 88.1785



84.6500, 81.4453, 98.5115



78.7393, 83.5877, 77.6312



16.2464, 15.9483, 18.8538



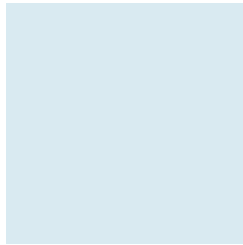
23.7058, 11.7547, 22.1651



2.0152, 0.9951, 2.0707

Previews

White Background



This preview shows how the XYZ color 73.9153, 79.9482, 94.7549 looks on a white background.

Color Contrast Check

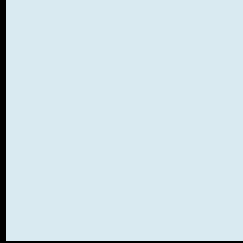
Large Text (above 18pt) WCAG AA × Fail

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 73.9153, 79.9482, 94.7549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

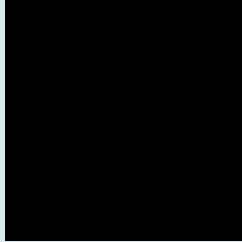
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

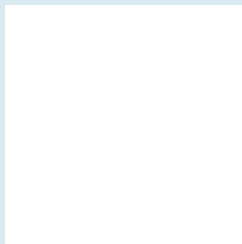
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9153, 79.9482, 94.7549

Background



This preview shows how black text looks on a background with the XYZ color 73.9153, 79.9482, 94.7549.



This preview shows how white text looks on a background with the XYZ color 73.9153, 79.9482,

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

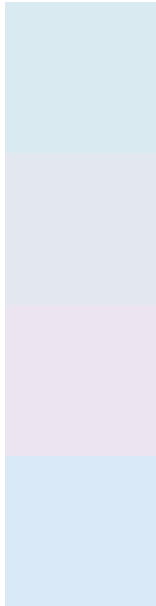




Tritanopia

75.4826, 79.7383, 102.6795

Trichromacy



Original Color

73.9153, 79.9482, 94.7549

Protanomaly

75.8345, 79.7147, 93.0509

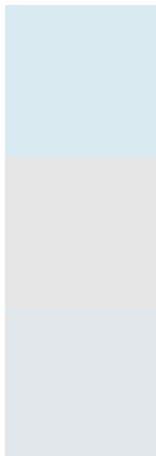
Deuteranomaly

78.6955, 79.9021, 95.2794

Tritanomaly

74.8409, 79.8987, 99.4731

Monochromacy



Original Color

73.9153, 79.9482, 94.7549

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4785, 79.0999, 89.1843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9153, 79.9482, 94.7549 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, 234, 241)` looks like.

```
.text, #text, p{  
    color:rgb(217, 234, 241)  
}
```

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, 234, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 234, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.9153, 79.9482, 94.7549 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, 234, 241) }
```


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

```
.border{ border-color:rgb(217, 234, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 234, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 234, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 234, 241);  
box-shadow:4px 4px 4px 4px rgb(217, 234,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9153, 79.9482, 94.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 234, 241) }
```

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

```
.background{ background-color: rgb(217,  
234, 241) }
```

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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