

Converting Colors

XYZ(73.9301, 79.6300, 95.0569)

Have a look what the booklet for
XYZ(73.9301, 79.6300, 95.0569)
contains.

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Color

**XYZ(73.9295, 79.5341,
94.6742)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE9F1
RGB	218, 233, 241
RGB Percent	85%, 91%, 95%
CMY	0.1451, 0.0863, 0.0549
CMYK	0.10, 0.03, 0.00, 0.05
HSL	201°, 45%, 90%
HSV	201°, 10%, 95%
XYZ	73.9295, 79.5341, 94.6742
YIQ	229.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

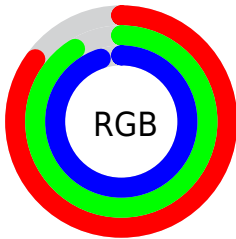
Format	Color
R _Y B	218, 227, 241
Decimal	14346737
CIE Lab	91.48, -3.43, -5.59
CIE LCh	91, 6.556, 238.486
Yxy	79.5341, 0.2979, 0.3205
Android (android.graphics.Color)	4292536817 (0xFFDAE9F1)
YUV	229.4270, 5.7055, -10.0215
Hunter-Lab	89.1819, -8.0964, -0.5141

Details

The XYZ color **73.9295, 79.5341, 94.6742** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1272, 78.1549, 77.4040**, and the grayscale version is **74.7579, 78.6511, 85.6510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5834, 42.7336, 52.0611** is the 20% darker color. If you saturate the color by 10%, you get **64.9246, 71.4558, 93.5908**, and if you desaturate by 10%, it is **84.0996, 88.3846, 95.8477**.

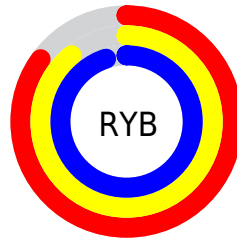
Distribution



Red (85%)

Green (91%)

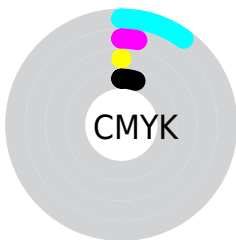
Blue (95%)



Red (85%)

Yellow (89%)

Blue (95%)

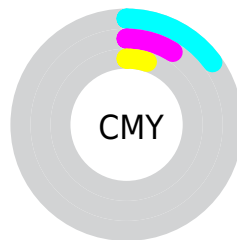


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9295, 79.5341, 94.6742 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 73.9295, 79.5341, 94.6742 by changing the saturation by 10% instead.

■ 73.9295, 79.5341,
94.6742

■ 73.9295, 79.5341,
94.6742

463.2841,
493.3613, 564.0791

■ 55.0274, 59.3350,
71.2685

123.7919,
132.7105, 155.8061

■ 39.6576, 42.8829,
52.0781

155.4829,
166.4566, 194.3694

■ 27.4547, 29.7932,
36.6847

192.1676,
205.4872, 238.8222

■ 18.0534, 19.6817,
24.6696

234.2114,
250.1867, 289.5832

■ 11.0882, 12.1639,
15.6143

281.9796,
300.9395, 347.0708

■ 6.1939, 6.8554,
9.1002

335.8375,

■ 3.0051, 3.3718,

358.1299, 411.7037

4.7089

396.1506,
422.1424, 483.9002

■ 1.1565, 1.3288,
2.0218

■ 0.0716, 0.1633,
0.5686

■ 73.9295, 79.5341,
94.6742

■ 73.9295, 79.5341,
94.6742

■ 64.9246, 71.4558,
93.5908

■ 84.0996, 88.3846,
95.8477

■ 57.0314, 64.1134,
92.5896

■ 91.2295, 95.8351,
96.9100

■ 50.2022, 57.4821,
91.6695

■ 92.8774, 99.1310,
97.4594

■ 44.3833, 51.5318,
90.8277

■ 39.5156, 46.2296,
90.0608

■ 35.5336, 41.5393,
89.3654

■ 32.3628, 37.4198,
88.7374

■ 29.9146, 33.8228,
88.1721

■ 28.0489, 30.6735,
87.6626

Harmonies

Analogous

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



72.8087, 79.5341, 91.0576



73.9295, 79.5341, 94.6742



75.5100, 79.5341, 96.1168

Triad

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



73.9295, 79.5341, 94.6742



78.8488, 79.5341, 86.8421



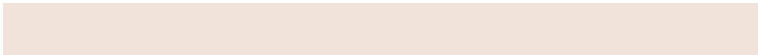
74.0743, 79.5341, 78.7686

Complementary

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



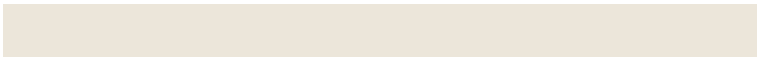
73.9295, 79.5341, 94.6742



76.1272, 78.1549, 77.4040

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.



75.6796, 79.5341, 77.7315



73.9295, 79.5341, 94.6742



78.4510, 79.5341, 82.2886

Square

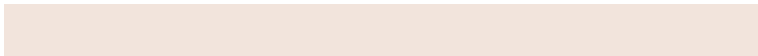
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



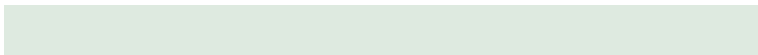
73.9295, 79.5341, 94.6742



78.3641, 79.5341, 91.4932



77.2849, 79.5341, 78.9968



72.8914, 79.5341, 81.8827

Rectangle

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



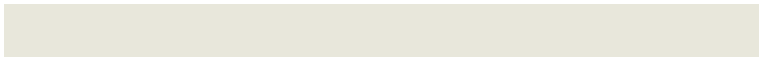
73.9295, 79.5341, 94.6742



76.6170, 79.5341, 95.6126



77.2849, 79.5341, 78.9968



74.5816, 79.5341, 78.1707

Sweetspot

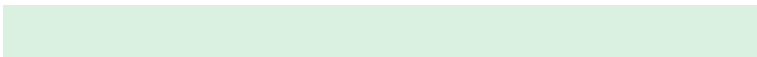
The Sweet Spot groups the original color and five complimentary colors.



73.9318, 79.5374, 94.6760



91.4487, 96.8926, 108.4900



74.0518, 83.2900, 83.8869



19.3722, 20.5642, 23.1982



0.0000, 0.0000, 0.0000



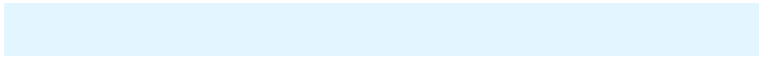
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9318, 79.5374, 94.6760



82.4402, 88.9976, 107.4409



70.8689, 73.4117, 93.6550



15.7579, 16.9500, 20.1627



15.2983, 16.8209, 47.5683



1.3653, 1.5846, 3.9881

Inverse Universe

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



76.0568, 74.7283, 87.5101



85.2147, 82.7785, 98.0712



79.2642, 84.4290, 78.4497



16.2073, 15.9326, 18.6476



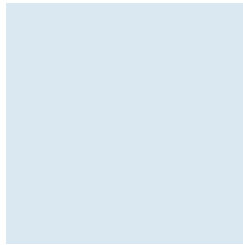
23.0475, 11.4914, 18.6986



1.9641, 0.9747, 1.8018

Previews

White Background



This preview shows how the XYZ color 73.9295, 79.5341, 94.6742 looks on a white background.

Color Contrast Check

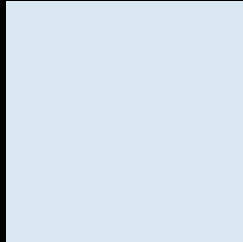
Large Text (above 18pt) WCAG AA × Fail

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 73.9295, 79.5341, 94.6742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

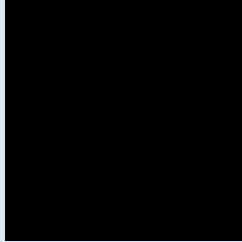
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

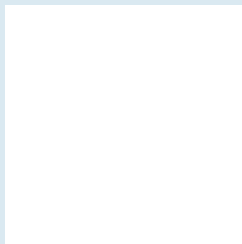
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9295, 79.5341, 94.6742

Background



This preview shows how black text looks on a background with the XYZ color 73.9295, 79.5341, 94.6742.

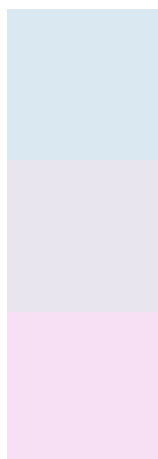


This preview shows how white text looks on a background with the XYZ color 73.9295, 79.5341,

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

73.9295, 79.5341, 94.6742

Protanopia

76.8780, 79.4264, 92.9403

Deuteranopia

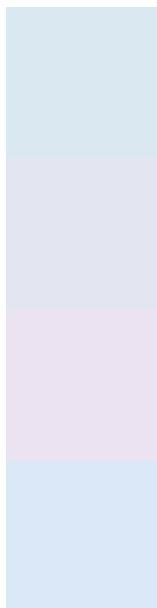
81.1911, 79.5565, 95.8707



Tritanopia

75.6271, 79.8310, 101.8654

Trichromacy



Original Color

73.9295, 79.5341, 94.6742

Protanomaly

75.7035, 79.2158, 93.7382

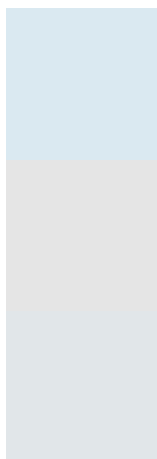
Deuteranomaly

78.0882, 79.1818, 95.1723

Tritanomaly

74.8585, 79.4887, 99.3931

Monochromacy



Original Color

73.9295, 79.5341, 94.6742

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.0561, 78.4844, 88.3366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9295, 79.5341, 94.6742 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(218, 233, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 233, 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(218, 233, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 233, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.9295, 79.5341, 94.6742 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(218, 233, 241) }
```


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

```
.border{ border-color:rgb(218, 233, 241) }
```

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

Here you see how a box with a 4 pixel rgb(218, 233, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 233, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 233, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 233,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9295, 79.5341, 94.6742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 233, 241) }
```

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

```
.background{ background-color: rgb(218,  
233, 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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