

Converting Colors

XYZ(71.4407, 79.1178, 93.9341)

Have a look what the booklet for
XYZ(71.4407, 79.1178, 93.9341)
contains.

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Color

**XYZ(71.4489, 79.1178,
93.9436)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EBF0
RGB	208, 235, 240
RGB Percent	82%, 92%, 94%
CMY	0.1843, 0.0784, 0.0588
CMYK	0.13, 0.02, 0.00, 0.06
HSL	189°, 52%, 88%
HSV	189°, 13%, 94%
XYZ	71.4489, 79.1178, 93.9436
YIQ	227.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

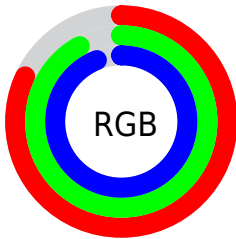
Format	Color
R _Y B	208, 223, 240
Decimal	13691888
CIE Lab	91.29, -7.82, -5.42
CIE LCh	91, 9.514, 214.734
Yxy	79.1178, 0.2922, 0.3236
Android (android.graphics.Color)	4291881968 (0xFFD0EBF0)
YUV	227.4970, 6.1640, -17.0989
Hunter-Lab	88.9482, -12.2767, -0.3561

Details

The XYZ color **71.4489, 79.1178, 93.9436** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1151, 70.6676, 69.5679**, and the grayscale version is **73.3431, 77.1626, 84.0301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9087, 42.4732, 51.5475** is the 20% darker color. If you saturate the color by 10%, you get **64.1441, 73.7780, 93.2992**, and if you desaturate by 10%, it is **79.8020, 85.0358, 94.6469**.

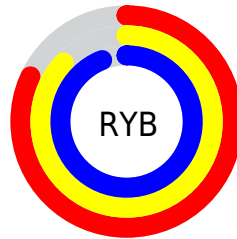
Distribution



Red (82%)

Green (92%)

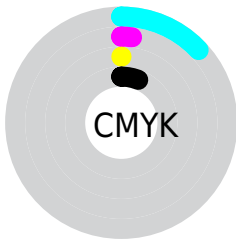
Blue (94%)



Red (82%)

Yellow (87%)

Blue (94%)

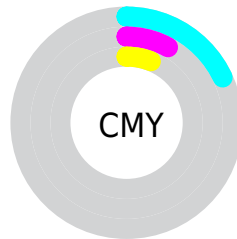


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (6%)



Cyan (18%)

Magenta (8%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4489, 79.1178, 93.9436 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 71.4489, 79.1178, 93.9436 by changing the saturation by 10% instead.

■ 71.4489, 79.1178,
93.9436

■ 71.4489, 79.1178,
93.9436

454.8086,
491.9548, 561.6752

■ 52.9925, 58.9927,
70.6640

120.2877,
132.1247, 154.7873

■ 38.0242, 42.6072,
51.5879

151.4008,
165.7752, 193.1886

■ 26.1788, 29.5771,
36.2967

187.4636,
204.7030, 237.4674

■ 17.0908, 19.5178,
24.3720

228.8412,
249.2925, 288.0425

■ 10.3950, 12.0450,
15.3950

275.8992,
299.9280, 345.3322

■ 5.7259, 6.7743,
8.9474

329.0029,

■ 2.7182, 3.3214,

356.9940, 409.7552

4.6105

388.5175,
420.8747, 481.7300

■ 1.0065, 1.3017,
1.9659

■ 0.0000, 0.1425,
0.5342

■ 71.4489, 79.1178,
93.9436

■ 71.4489, 79.1178,
93.9436

■ 64.1441, 73.7780,
93.2992

■ 79.8020, 85.0358,
94.6469

■ 57.8347, 68.9826,
92.7061

■ 88.8696, 91.3538,
95.3885

■ 52.4738, 64.7094,
92.1638

■ 89.9996, 93.6137,
95.7651

■ 48.0078, 60.9304,
91.6698

■ 91.1525, 95.9196,
96.1494

■ 44.3774, 57.6149,
91.2212

■ 92.3287, 98.2718,
96.5415

■ 41.5164, 54.7286,
90.8149

■ 92.7284, 99.0714,
96.6747

■ 39.3481, 52.2317,
90.4472

■ 37.7793, 50.0759,
90.1138

■ 36.9726, 48.7797,
89.9061

Harmonies

Analogous

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



70.6677, 79.1178, 87.2475



71.4489, 79.1178, 93.9436



73.2354, 79.1178, 98.7346

Triad

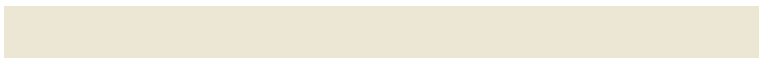
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4489, 79.1178, 93.9436



79.4750, 79.1178, 91.9449



74.8167, 79.1178, 73.5660

Complementary

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



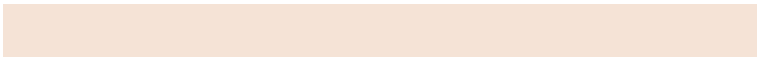
71.4489, 79.1178, 93.9436



71.1151, 70.6676, 69.5679

Split Complementary

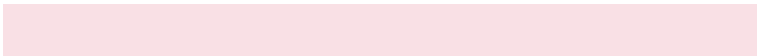
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1976, 79.1178, 74.6754



71.4489, 79.1178, 93.9436



79.9201, 79.1178, 85.0535

Square

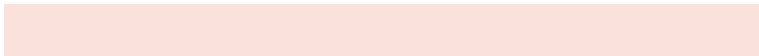
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4489, 79.1178, 93.9436



77.8747, 79.1178, 97.5380



79.0783, 79.1178, 78.7920



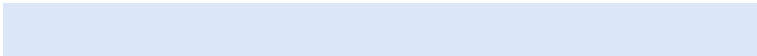
72.5855, 79.1178, 75.6771

Rectangle

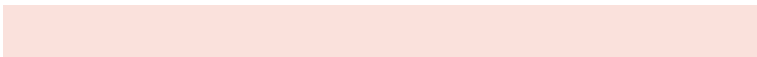
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



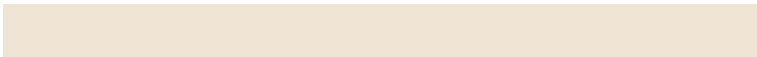
71.4489, 79.1178, 93.9436



74.7739, 79.1178, 100.0718



79.0783, 79.1178, 78.7920



75.6259, 79.1178, 73.5757

Sweetspot

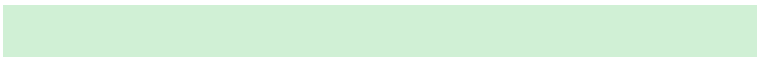
The Sweet Spot groups the original color and five complimentary colors.



71.4512, 79.1211, 93.9454



90.8904, 97.1045, 108.5604



69.1587, 80.5254, 74.7170



19.2917, 20.6704, 23.2230



0.0000, 0.0000, 0.0000



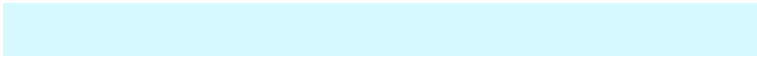
20.3446, 21.4041, 23.3091

Same Dimension

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



71.4512, 79.1211, 93.9454



79.6011, 89.0686, 107.6043



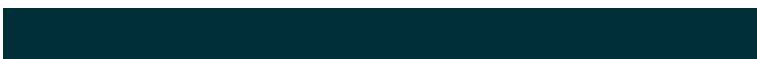
67.1257, 70.4700, 92.5035



16.0249, 17.4839, 20.2517



20.3198, 26.8638, 49.2421



1.7464, 2.3468, 4.1152

Inverse Universe

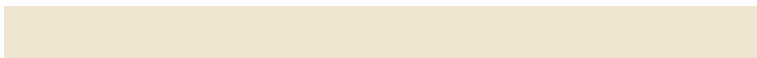
The Inverse Universe completely reimagines the original color for something new.



73.4882, 69.6368, 88.1690



82.3783, 76.2709, 99.6995



75.2857, 79.0087, 70.9581



16.3420, 15.9865, 19.3573



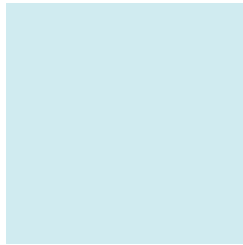
25.5821, 12.5053, 32.0456



2.1565, 1.0516, 2.8148

Previews

White Background



This preview shows how the XYZ color 71.4489, 79.1178, 93.9436 looks on a white background.

Color Contrast Check

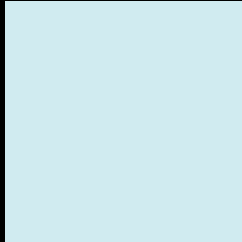
Large Text (above 18pt) WCAG AA × Fail

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 71.4489, 79.1178, 93.9436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

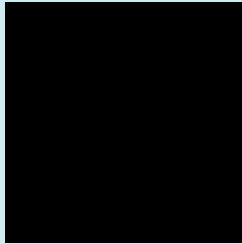
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4489, 79.1178, 93.9436

Background



This preview shows how black text looks on a background with the XYZ color 71.4489, 79.1178, 93.9436.

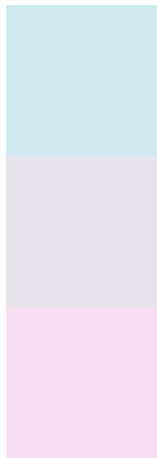


This preview shows how white text looks on a background with the XYZ color 71.4489, 79.1178,

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

71.4489, 79.1178, 93.9436

Protanopia

76.1624, 78.6987, 90.5331

Deuteranopia

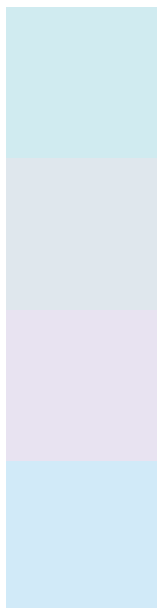
80.4207, 78.7790, 94.9716



Tritanopia

73.2879, 79.0077, 103.4828

Trichromacy



Original Color

71.4489, 79.1178, 93.9436

Protanomaly

74.2934, 78.9542, 91.4448

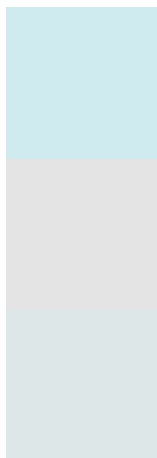
Deuteranomaly

76.6250, 78.4448, 94.3219

Tritanomaly

72.6606, 79.1783, 100.2602

Monochromacy



Original Color

71.4489, 79.1178, 93.9436

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.9602, 78.3502, 87.6216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4489, 79.1178, 93.9436 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(208, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(208, 235, 240)  
}
```

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(208, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 235, 240) }
```

Border

The CSS property to change the border of an element to XYZ 71.4489, 79.1178, 93.9436 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(208, 235, 240) }
```


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

```
.border{ border-color:rgb(208, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 235, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 235, 240); box-shadow:4px 4px 4px 4px rgb(208, 235, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4489, 79.1178, 93.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 235, 240) }
```

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

```
.background{ background-color: rgb(208,  
235, 240) }
```

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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