

Converting Colors

XYZ(72.4061, 79.2877,
101.3610)

Have a look what the booklet for
XYZ(72.4061, 79.2877, 101.3610)
contains.

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Color

**XYZ(72.5393, 79.5216,
101.1485)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEBF9
RGB	207, 235, 249
RGB Percent	81%, 92%, 98%
CMY	0.1882, 0.0784, 0.0235
CMYK	0.17, 0.06, 0.00, 0.02
HSL	200°, 78%, 89%
HSV	200°, 17%, 98%
XYZ	72.5393, 79.5216, 101.1485
YIQ	228.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

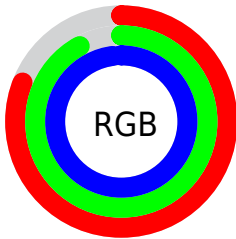
Format	Color
R_{YB}	207, 224, 249
Decimal	13626361
CIE Lab	91.47, -6.30, -9.85
CIE LCh	91, 11.698, 237.397
Yxy	79.5216, 0.2865, 0.3141
Android (android.graphics.Color)	4291816441 (0xFFCFEBF9)
YUV	228.2240, 10.2426, -18.6134
Hunter-Lab	89.1749, -10.8552, -4.8285

Details

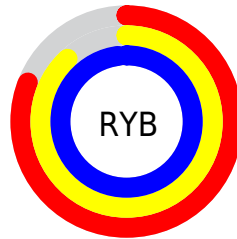
The XYZ color **72.5393, 79.5216, 101.1485** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1864, 76.3575, 69.7560**, and the grayscale version is **73.8471, 77.6929, 84.6076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6946, 42.7659, 56.6673** is the 20% darker color. If you saturate the color by 10%, you get **63.8036, 71.5751, 100.0764**, and if you desaturate by 10%, it is **82.4876, 88.2619, 102.3125**.

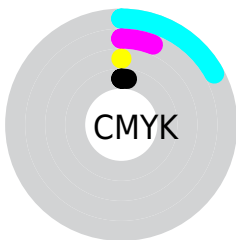
Distribution



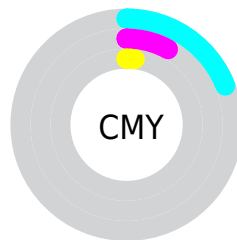
- Red (81%)
- Green (92%)
- Blue (98%)



- Red (81%)
- Yellow (88%)
- Blue (98%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5393, 79.5216, 101.1485 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 72.5393, 79.5216, 101.1485 by changing the saturation by 10% instead.

72.5393, 79.5216,
101.1485

72.5393, 79.5216,
101.1485

458.5451,
493.3191, 585.1467

53.8864, 59.3248,
76.6378

121.8296,
132.6929, 164.8002

38.7411, 42.8746,
56.4459

153.1977,
166.4362, 204.7783

26.7382, 29.7867,
40.1541

189.5350,
205.4637, 250.7493

17.5123, 19.6768,
27.3440

231.2066,
250.1599, 303.1318

10.6980, 12.1603,
17.5971

278.5781,
300.9091, 362.3442

5.9299, 6.8530,
10.4946

332.0148,

2.8428, 3.3703,

358.0958, 428.8051

5.6183

391.8820,
422.1044, 502.9331

■ 1.0712, 1.3280,
2.5494

■ 0.0008, 0.1627,
0.8662

■ 72.5393, 79.5216,
101.1485

■ 72.5393, 79.5216,
101.1485

■ 63.8036, 71.5751,
100.0764

■ 82.4876, 88.2619,
102.3125

■ 56.2207, 64.3831,
99.0878

■ 93.0245, 97.4703,
103.5345

■ 49.7360, 57.9173,
98.1816

■ 94.0991, 99.6197,
103.8928

■ 44.2874, 52.1434,
97.3543

■ 39.8064, 47.0236,
96.6023

■ 36.2151, 42.5156,
95.9214

■ 33.4227, 38.5698,
95.3070

■ 31.3140, 35.1245,
94.7531

■ 30.7389, 34.1192,
94.5894

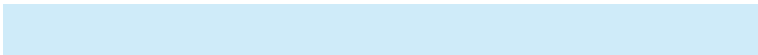
Harmonies

Analogous

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



70.6121, 79.5216, 94.3530



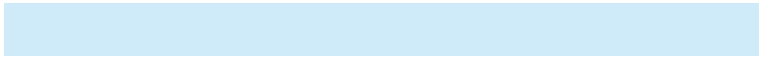
72.5393, 79.5216, 101.1485



75.3231, 79.5216, 104.0229

Triad

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



72.5393, 79.5216, 101.1485



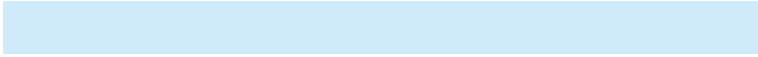
81.4487, 79.5216, 87.3325



72.9785, 79.5216, 72.8263

Complementary

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



72.5393, 79.5216, 101.1485



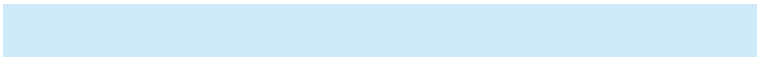
76.1864, 76.3575, 69.7560

Split Complementary

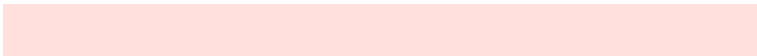
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8433, 79.5216, 71.2145



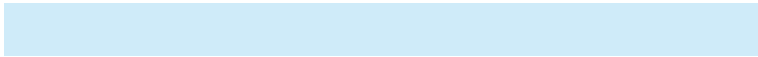
72.5393, 79.5216, 101.1485



80.7817, 79.5216, 79.2564

Square

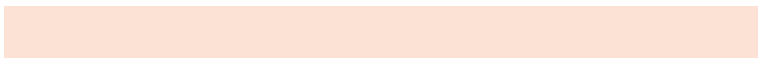
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5393, 79.5216, 101.1485



80.5101, 79.5216, 95.7258



78.7105, 79.5216, 73.4920



70.8609, 79.5216, 78.0464

Rectangle

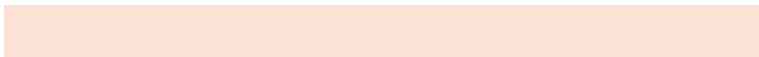
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5393, 79.5216, 101.1485



77.3079, 79.5216, 103.1965



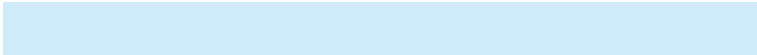
78.7105, 79.5216, 73.4920



73.8837, 79.5216, 71.8601

Sweetspot

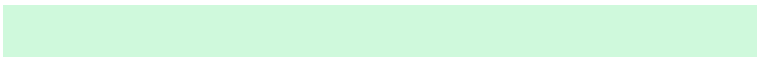
The Sweet Spot groups the original color and five complimentary colors.



72.5416, 79.5249, 101.1503



89.1733, 94.9804, 108.2409



72.5673, 86.2014, 80.7339



18.9157, 20.1824, 23.1486



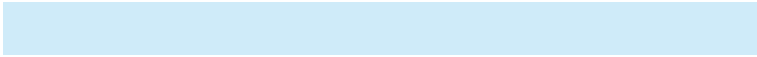
0.0000, 0.0000, 0.0000



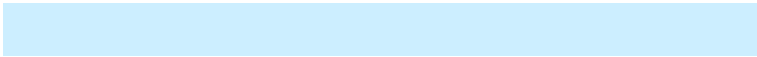
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5416, 79.5249, 101.1503



73.5275, 81.2087, 106.4073



67.0566, 68.5547, 99.3219



17.2500, 18.5768, 22.0618



16.5899, 18.5353, 50.6768



1.6339, 1.9115, 4.7260

Inverse Universe

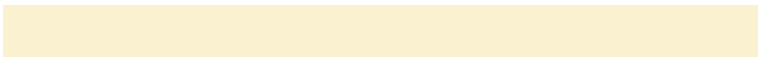
The Inverse Universe completely reimagines the original color for something new.



76.3770, 70.7652, 88.2346



78.2660, 70.6190, 90.3976



81.8749, 87.7345, 71.6521



17.7327, 17.4204, 20.4483



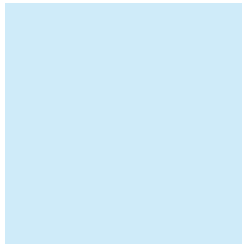
24.6658, 12.2821, 20.7465



2.3336, 1.1572, 2.1803

Previews

White Background



This preview shows how the XYZ color 72.5393, 79.5216, 101.1485 looks on a white background.

Color Contrast Check

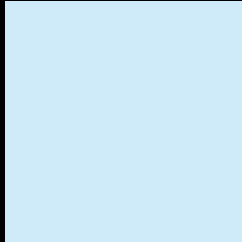
Large Text (above 18pt) WCAG AA × Fail

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 72.5393, 79.5216, 101.1485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

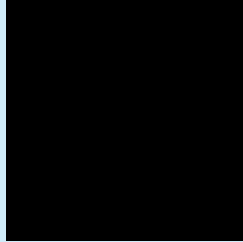
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

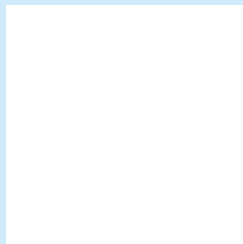
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5393, 79.5216, 101.1485

Background



This preview shows how black text looks on a background with the XYZ color 72.5393, 79.5216, 101.1485.

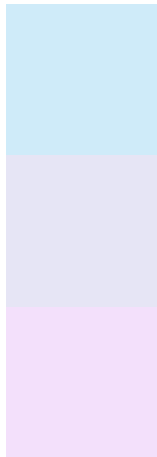


This preview shows how white text looks on a background with the XYZ color 72.5393, 79.5216,

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

72.5393, 79.5216, 101.1485

Protanopia

77.1339, 79.4542, 97.6570

Deuteranopia

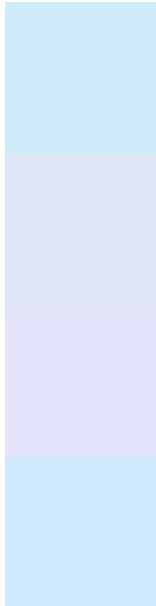
81.0304, 79.3310, 102.3084



Tritanopia

73.1649, 79.3474, 104.3879

Trichromacy



Original Color

72.5393, 79.5216, 101.1485

Protanomaly

75.3347, 79.3352, 98.5314

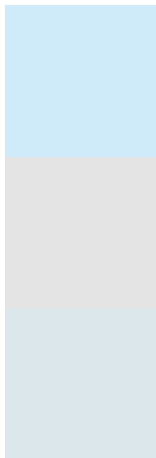
Deuteranomaly

77.6318, 79.2119, 101.6403

Tritanomaly

73.0059, 79.2838, 103.5509

Monochromacy



Original Color

72.5393, 79.5216, 101.1485

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2314, 78.4236, 90.6344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5393, 79.5216, 101.1485 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(207, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(207, 235, 249)  
}
```

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(207, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 235, 249) }
```

Border

The CSS property to change the border of an element to XYZ 72.5393, 79.5216, 101.1485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

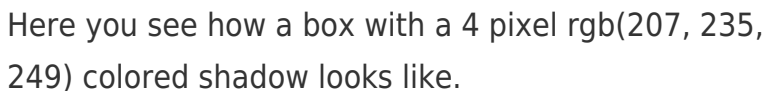
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 235, 249) }
```


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

```
.border{ border-color:rgb(207, 235, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(207, 235,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5393, 79.5216, 101.1485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 235, 249) }
```

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

```
.background{ background-color: rgb(207,  
235, 249) }
```

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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