

Converting Colors

XYZ(74.1193, 89.0517, 72.3137)

Have a look what the booklet for
XYZ(74.1193, 89.0517, 72.3137)
contains.

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Color

**XYZ(74.1193, 89.0517,
72.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FDCF
RGB	214, 253, 207
RGB Percent	84%, 99%, 81%
CMY	0.1608, 0.0078, 0.1882
CMYK	0.15, 0.00, 0.18, 0.01
HSL	111°, 92%, 90%
HSV	111°, 18%, 99%
XYZ	74.1193, 89.0517, 72.3137
YIQ	236.0950, -8.4780, -22.5740

Conversions

Conversions Part 2

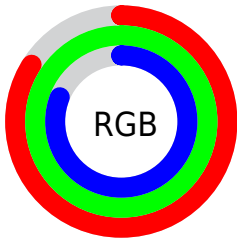
Format	Color
R _Y B	207, 253, 246
Decimal	14089679
CIE Lab	95.60, -20.82, 17.92
CIE LCh	96, 27.472, 139.279
Yxy	89.0517, 0.3148, 0.3782
Android (android.graphics.Color)	4292279759 (0xFFD6FDCF)
YUV	236.0950, -14.3438, -19.3773
Hunter-Lab	94.3672, -24.9425, 20.6231

Details

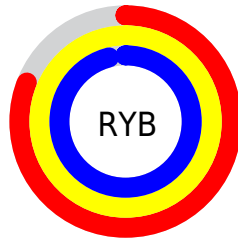
The XYZ color **74.1193, 89.0517, 72.3137** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.0522, 71.3129, 102.5842**, and the grayscale version is **79.9146, 84.0764, 91.5592**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7878, 49.1507, 37.5270** is the 20% darker color. If you saturate the color by 10%, you get **65.4174, 84.8976, 57.0334**, and if you desaturate by 10%, it is **84.1461, 93.8368, 90.2469**.

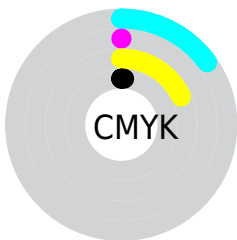
Distribution



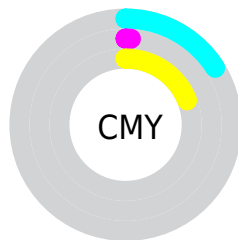
- Red (84%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1193, 89.0517, 72.3137 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 74.1193, 89.0517, 72.3137 by changing the saturation by 10% instead.

74.1193, 89.0517,
72.3137

74.1193, 89.0517,
72.3137

463.9290,
524.9412, 487.6396

55.1833, 67.1944,
52.9266

124.0595,
146.0205, 124.2143

39.7829, 49.2426,
37.3568

155.7944,
181.9007, 157.5648

27.5528, 34.8120,
25.1859

192.5264,
223.2241, 196.4069

18.1276, 23.5181,
15.9954

234.6207,
270.3749, 241.1591

11.1418, 14.9765,
9.3666

282.4428,
323.7377, 292.2399

6.2303, 8.8029,
4.8810

336.3579,

3.0276, 4.6128,

383.6967, 350.0679

2.1201

396.7316,
450.6364, 415.0616

■ 1.1684, 2.0220,
0.6277

■ 0.0812, 0.6202,
0.0000

■ 74.1193, 89.0517,
72.3137

■ 74.1193, 89.0517,
72.3137

■ 65.4174, 84.8976,
57.0334

■ 84.1461, 93.8368,
90.2469

■ 57.9779, 81.3370,
44.2747

■ 94.4171, 98.7341,
108.6890

■ 51.7434, 78.3461,
33.9036

■ 46.6498, 75.8950,
25.7717

■ 42.6263, 73.9507,
19.7138

■ 39.5944, 72.4769,
15.5421

■ 37.4642, 71.4320,
13.0347

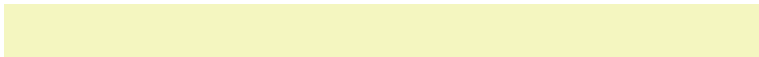
■ 36.1231, 70.7647,
11.8871

■ 35.9447, 70.6756,
11.7473

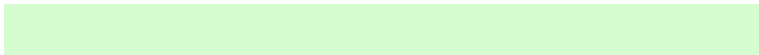
Harmonies

Analogous

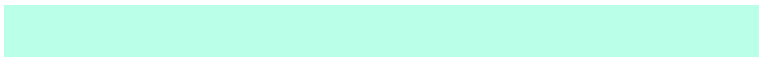
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9428, 89.0517, 62.8061



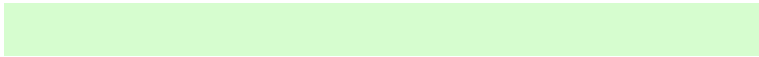
74.1193, 89.0517, 72.3137



71.1773, 89.0517, 89.4397

Triad

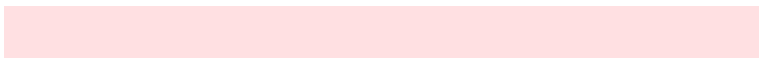
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1193, 89.0517, 72.3137



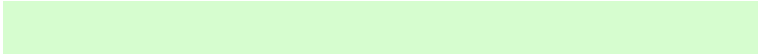
81.9719, 89.0517, 143.7600



99.0802, 89.0517, 83.8862

Complementary

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



74.1193, 89.0517, 72.3137



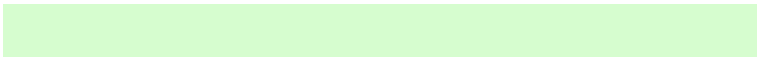
78.0522, 71.3129, 102.5842

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.



99.7036, 89.0517, 104.8950



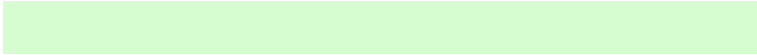
74.1193, 89.0517, 72.3137



89.5197, 89.0517, 141.6844

Square

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



74.1193, 89.0517, 72.3137



75.5287, 89.0517, 131.9669



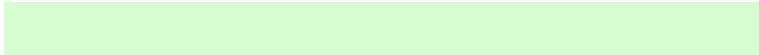
96.1140, 89.0517, 126.6577



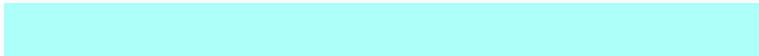
94.4581, 89.0517, 68.7693

Rectangle

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



74.1193, 89.0517, 72.3137



71.1209, 89.0517, 103.8140



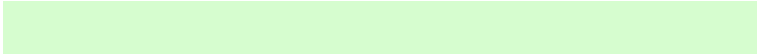
96.1140, 89.0517, 126.6577



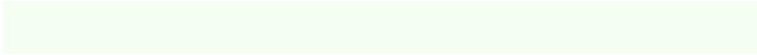
99.7743, 89.0517, 90.4186

Sweetspot

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



74.1217, 89.0555, 72.3157



89.1987, 97.2129, 98.2641



84.5277, 90.8985, 72.1229



18.9223, 20.7266, 20.7249



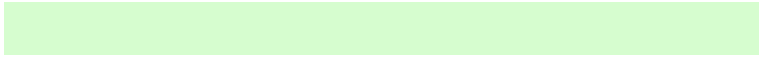
0.0000, 0.0000, 0.0000



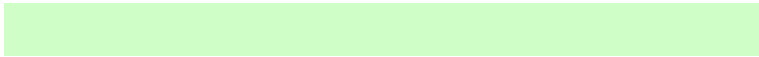
20.3446, 21.4041, 23.3091

Same Dimension

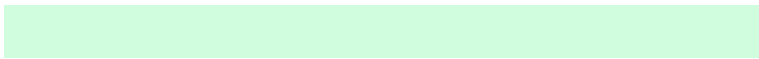
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1217, 89.0555, 72.3157



71.9111, 88.9670, 67.3542



74.0898, 88.8118, 82.5815



18.0288, 20.3007, 19.1125



19.1948, 37.6334, 6.2523



1.9407, 3.7012, 0.6121

Inverse Universe

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



78.0522, 71.3129, 102.5842



76.6197, 67.6979, 103.6364



78.2077, 71.6641, 90.3464



18.5052, 18.1522, 22.7783



24.3629, 11.4700, 50.3645



2.4424, 1.1530, 4.9071

Previews

White Background



This preview shows how the XYZ color 74.1193, 89.0517, 72.3137 looks on a white background.

Color Contrast Check

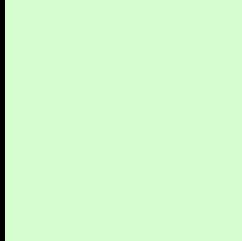
Large Text (above 18pt) WCAG AA × Fail

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 74.1193, 89.0517, 72.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

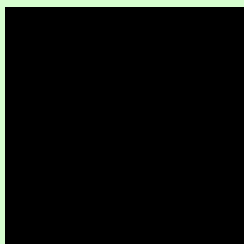
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

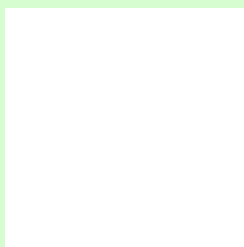
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1193, 89.0517, 72.3137

Background



This preview shows how black text looks on a background with the XYZ color 74.1193, 89.0517, 72.3137.

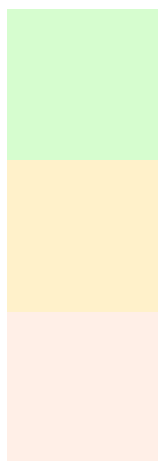


This preview shows how white text looks on a background with the XYZ color 74.1193, 89.0517,

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

74.1193, 89.0517, 72.3137

Protanopia

83.3560, 88.4349, 68.5534

Deuteranopia

86.5303, 88.7625, 88.1735



Tritanopia

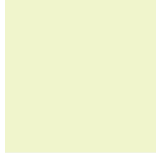
83.6794, 89.0772, 107.3910

Trichromacy



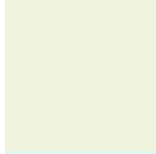
Original Color

74.1193, 89.0517, 72.3137



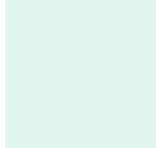
Protanomaly

79.4867, 88.1897, 69.9597



Deuteranomaly

81.4707, 88.5006, 81.8956



Tritanomaly

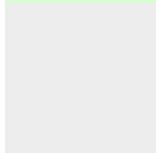
79.7447, 88.7021, 93.8071

Monochromacy



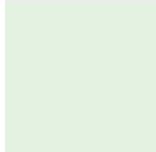
Original Color

74.1193, 89.0517, 72.3137



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.3376, 85.4345, 83.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1193, 89.0517, 72.3137 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(214, 253, 207)` looks like.

```
.text, #text, p{  
    color:rgb(214, 253, 207)  
}
```

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(214, 253, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 207) }
```

Border

The CSS property to change the border of an element to XYZ 74.1193, 89.0517, 72.3137 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(214, 253, 207) }
```


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

```
.border{ border-color:rgb(214, 253, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 253, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 253, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 253, 207);  
box-shadow:4px 4px 4px 4px rgb(214, 253,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1193, 89.0517, 72.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 207) }
```

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

```
.background{ background-color: rgb(214,  
253, 207) }
```

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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