

Converting Colors

XYZ(94.2813, 133.1510,
80.2719)

Have a look what the booklet for
XYZ(94.2813, 133.1510, 80.2719)
contains.

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Color

**XYZ(72.3220, 89.0532,
73.0517)**

Conversions

Conversions Part 1	
Format	Color
Hex	CDFFD0
RGB	205, 255, 208
RGB Percent	80%, 100%, 82%
CMY	0.1961, 0.0000, 0.1843
CMYK	0.20, 0.00, 0.18, 0.00
HSL	124°, 100%, 90%
HSV	124°, 20%, 100%
XYZ	72.3220, 89.0532, 73.0517
YIQ	234.6920, -14.7130, -25.2170

Conversions

Conversions Part 2

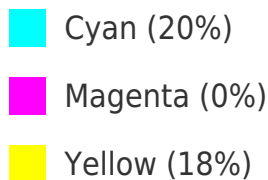
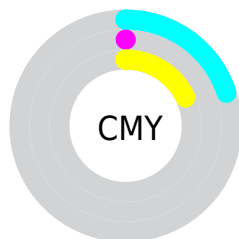
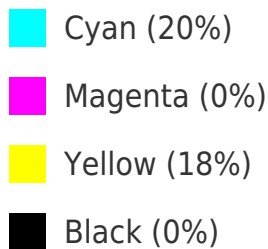
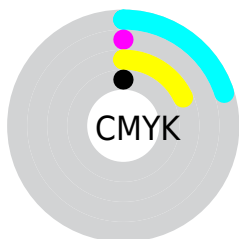
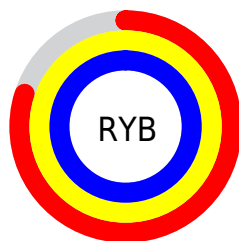
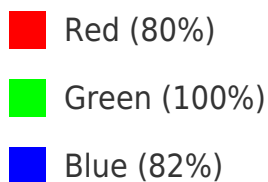
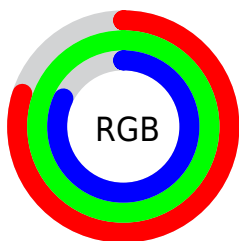
Format	Color
RYB	205, 252, 255
Decimal	13500368
CIELab	95.60, -24.57, 17.33
CIELCh	96, 30.071, 144.805
Yxy	89.0532, 0.3085, 0.3799
Android (android.graphics.Color)	4291690448 (0xFFCDDFD0)
YUV	234.6920, -13.1592, -26.0399
Hunter-Lab	94.3680, -28.3447, 20.1603

Details

The XYZ color **72.3220, 89.0532, 73.0517** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.6423, 71.9516, 101.7327**, and the grayscale version is **78.8359, 82.9415, 90.3233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6045, 49.2053, 38.0347** is the 20% darker color. If you saturate the color by 10%, you get **63.1217, 84.6256, 58.3728**, and if you desaturate by 10%, it is **83.1158, 94.2507, 90.1344**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3220, 89.0532, 73.0517 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 72.3220, 89.0532, 73.0517 by changing the saturation by 10% instead.


 72.3220, 89.0532,
73.0517

 72.3220, 89.0532,
73.0517


457.8018,
524.9461, 490.2696

 53.7082, 67.1956,
53.5262

121.5225,
146.0225, 125.2722

 38.5981, 49.2436,
37.8324


152.8400,
181.9031, 158.8042

 26.6266, 34.8128,
25.5518


189.1226,
223.2268, 197.8422

 17.4281, 23.5187,
16.2659

230.7359,
270.3781, 242.8046

 10.6374, 14.9770,
9.5561

278.0450,
323.7412, 294.1100

 5.8890, 8.8032,
5.0039


331.4155,


 2.8177, 4.6131,


383.7007, 352.1769


2.1908


391.2127,
450.6408, 417.4239


 1.0581, 2.0221,
0.6690


 0.0000, 0.6202,
0.0000

 72.3220, 89.0532,
73.0517


 72.3220, 89.0532,
73.0517


 63.1217, 84.6256,
58.3728


 83.1158, 94.2507,
90.1344


 55.4374, 80.9304,
45.9858


95.0500, 100.0000,
108.9000


 49.1883, 77.9284,
35.7765

 44.2852, 75.5763,
27.6189

 40.6290, 73.8259,
21.3744

 38.1069, 72.6224,
16.8871

 36.5856, 71.9009,
13.9767

 35.8679, 71.5646,
12.4228

 35.8484, 71.5554,
12.3855

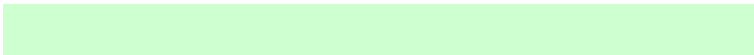
Harmonies

Analogous

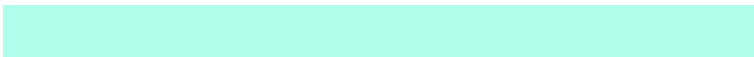
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1560, 89.0532, 61.2750



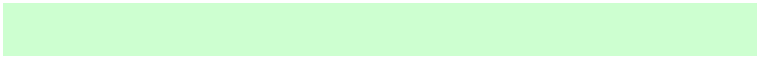
72.3220, 89.0532, 73.0517



69.7979, 89.0532, 92.9059

Triad

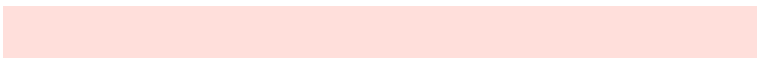
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3220, 89.0532, 73.0517



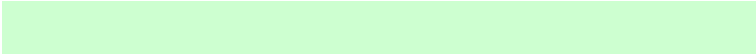
83.2134, 89.0532, 149.6492



99.8844, 89.0532, 79.1146

Complementary

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



72.3220, 89.0532, 73.0517



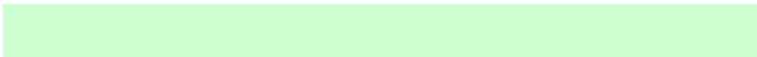
80.6423, 71.9516, 101.7327

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.



101.4552, 89.0532, 101.1382



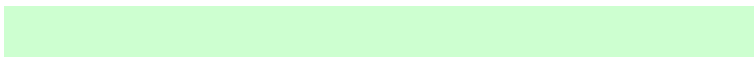
72.3220, 89.0532, 73.0517



91.4781, 89.0532, 144.3607

Square

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



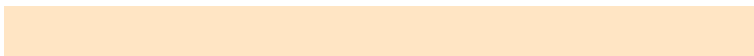
72.3220, 89.0532, 73.0517



75.8193, 89.0532, 139.0605



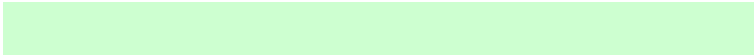
98.2881, 89.0532, 125.5959



94.1247, 89.0532, 64.3561

Rectangle

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



72.3220, 89.0532, 73.0517



70.2048, 89.0532, 109.0507



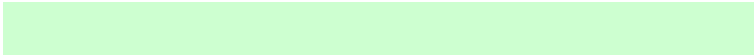
98.2881, 89.0532, 125.5959



100.9350, 89.0532, 85.8047

Sweetspot

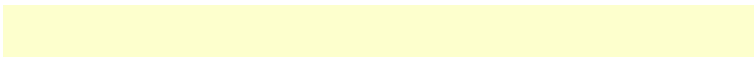
The Sweet Spot groups the original color and five complimentary colors.



72.3227, 89.0535, 73.0531



87.4136, 96.3209, 96.9050



87.1059, 96.7168, 71.8358



18.5401, 20.5347, 20.4740



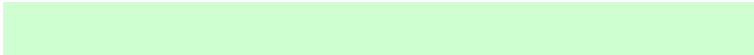
0.0000, 0.0000, 0.0000



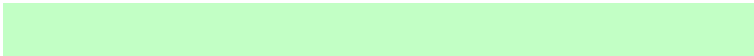
20.3446, 21.4041, 23.3091

Same Dimension

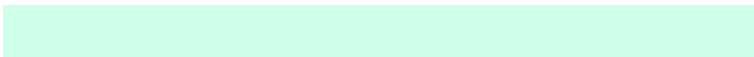
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3227, 89.0535, 73.0531



68.0892, 87.0158, 66.3149



75.5740, 90.3540, 90.1742



17.8158, 20.1858, 19.3328



18.7486, 37.3960, 6.5613



1.8403, 3.6470, 0.7168

Inverse Universe

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



80.6423, 71.9516, 101.7327



77.9515, 66.7403, 100.3110



77.0060, 70.4971, 82.5846



18.7428, 18.2804, 22.5288



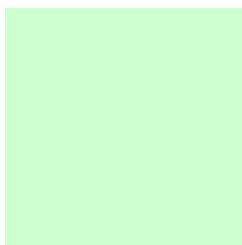
29.7638, 14.3948, 44.2682



2.9117, 1.4071, 4.3826

Previews

White Background



This preview shows how the XYZ color 72.3220, 89.0532, 73.0517 looks on a white background.

Color Contrast Check

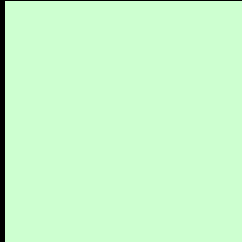
Large Text (above 18pt) WCAG AA × Fail

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 72.3220, 89.0532, 73.0517 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

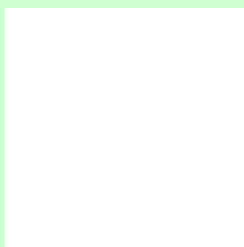
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3220, 89.0532, 73.0517

Background



This preview shows how black text looks on a background with the XYZ color 72.3220, 89.0532, 73.0517.

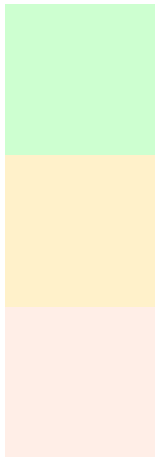


This preview shows how white text looks on a background with the XYZ color 72.3220, 89.0532,

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

72.3220, 89.0532, 73.0517

Protanopia

83.3560, 88.4349, 68.5534

Deuteranopia

86.2383, 88.1786, 88.0762



Tritanopia

82.3956, 88.4153, 107.3309

Trichromacy

	Original Color 72.3220, 89.0532, 73.0517
	Protanomaly 78.7799, 88.2757, 70.0135
	Deuteranomaly 80.5950, 88.0336, 82.5564
	Tritanomaly 78.5152, 88.5235, 93.8375

Monochromacy

	Original Color 72.3220, 89.0532, 73.0517
	Achromatopsia 78.9647, 83.0770, 90.4708
	Achromatomaly 76.0832, 84.7878, 83.5898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3220, 89.0532, 73.0517 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(205, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 208)  
}
```

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(205, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 208) }
```

Border

The CSS property to change the border of an element to XYZ 72.3220, 89.0532, 73.0517 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(205, 255, 208) }
```


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

```
.border{ border-color:rgb(205, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3220, 89.0532, 73.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 208) }
```

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

```
.background{ background-color: rgb(205,  
255, 208) }
```

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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