

Converting Colors

XYZ(72.9715, 89.3450, 75.0273)

Have a look what the booklet for
XYZ(72.9715, 89.3450, 75.0273)
contains.

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Color

**XYZ(72.9715, 89.3450,
75.0273)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFFD3
RGB	206, 255, 211
RGB Percent	81%, 100%, 83%
CMY	0.1922, 0.0000, 0.1725
CMYK	0.19, 0.00, 0.17, 0.00
HSL	126°, 100%, 90%
HSV	126°, 19%, 100%
XYZ	72.9715, 89.3450, 75.0273
YIQ	235.3330, -15.0800, -24.0720

Conversions

Conversions Part 2

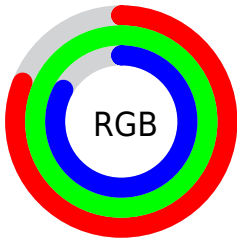
Format	Color
R _Y B	206, 250, 255
Decimal	13565907
CIE Lab	95.72, -23.74, 15.98
CIE LCh	96, 28.613, 146.055
Yxy	89.3450, 0.3075, 0.3764
Android (android.graphics.Color)	4291755987 (0xFFCEFFD3)
YUV	235.3330, -11.9962, -25.7250
Hunter-Lab	94.5225, -27.6121, 19.1043

Details

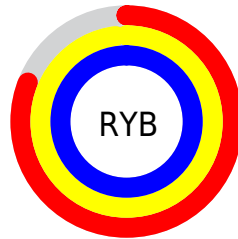
The XYZ color **72.9715, 89.3450, 75.0273** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.5669, 72.3055, 100.1521**, and the grayscale version is **79.3157, 83.4463, 90.8730**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9573, 49.3678, 38.9282** is the 20% darker color. If you saturate the color by 10%, you get **63.7877, 84.9190, 60.6650**, and if you desaturate by 10%, it is **83.7140, 94.5273, 91.5997**.

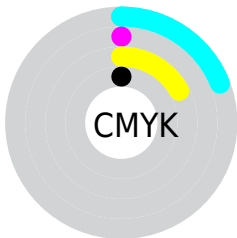
Distribution



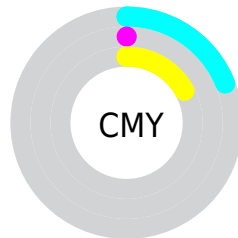
- Red (81%)
- Green (100%)
- Blue (83%)



- Red (81%)
- Yellow (98%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9715, 89.3450, 75.0273 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 72.9715, 89.3450, 75.0273 by changing the saturation by 10% instead.


 72.9715, 89.3450,
75.0273

 72.9715, 89.3450,
75.0273


460.0213,
525.8979, 497.2693

 54.2410, 67.4375,
55.1334


122.4401,
146.4282, 128.0985

 39.0258, 49.4403,
39.1092


153.9089,
182.3728, 162.1128

 26.9606, 34.9689,
26.5362


190.3544,
223.7651, 201.6710

 17.6801, 23.6389,
16.9959

232.1421,
270.9897, 247.1917

 10.8188, 15.0660,
10.0696

279.6373,
324.4308, 299.0933

 6.0115, 8.8657,
5.3389

333.2053,

 2.8928, 4.6537,

384.4730, 357.7944

2.3853

393.2115,
451.5005, 423.7136

■ 1.0973, 2.0455,
0.7784

■ 0.0229, 0.6337,
0.0000

■ 72.9715, 89.3450,
75.0273

■ 72.9715, 89.3450,
75.0273

■ 63.7877, 84.9190,
60.6650

■ 83.7140, 94.5273,
91.5997

■ 56.0882, 81.2129,
48.4156

95.0500, 100.0000,
108.9000

■ 49.7954, 78.1888,
38.1805

■ 44.8237, 75.8050,
29.8520

■ 41.0782, 74.0150,
23.3121

■ 38.4514, 72.7662,
18.4297

■ 36.8167, 71.9964,
15.0558

■ 35.9925, 71.6159,
13.0137

■ 35.9467, 71.5947,
12.9033

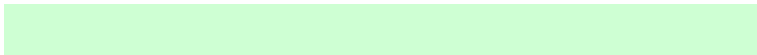
Harmonies

Analogous

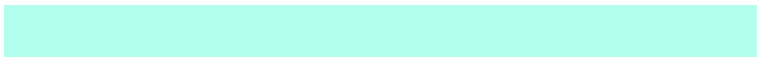
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4432, 89.3450, 63.3027



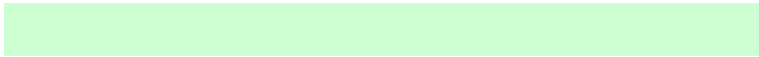
72.9715, 89.3450, 75.0273



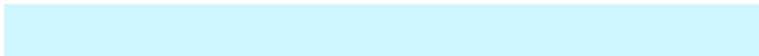
70.6964, 89.3450, 94.3296

Triad

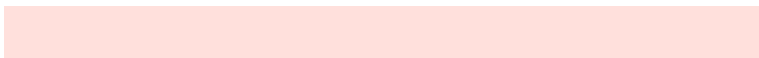
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9715, 89.3450, 75.0273



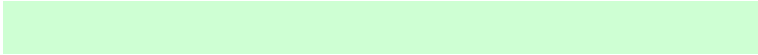
83.8827, 89.3450, 147.2543



99.2568, 89.3450, 79.4558

Complementary

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



72.9715, 89.3450, 75.0273



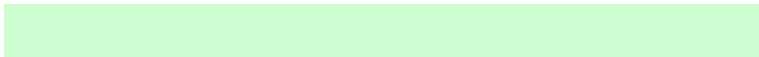
80.5669, 72.3055, 100.1521

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.



100.9333, 89.3450, 100.2943



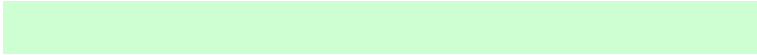
72.9715, 89.3450, 75.0273



91.7433, 89.3450, 141.6541

Square

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



72.9715, 89.3450, 75.0273



76.7449, 89.3450, 137.8573



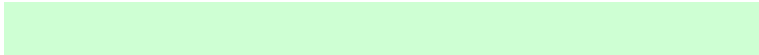
98.1058, 89.3450, 123.5512



93.6555, 89.3450, 65.5686

Rectangle

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



72.9715, 89.3450, 75.0273



71.1883, 89.3450, 109.7699



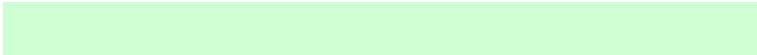
98.1058, 89.3450, 123.5512



100.3124, 89.3450, 85.7782

Sweetspot

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



72.9722, 89.3453, 75.0287



87.5097, 96.3593, 97.4109



86.3610, 96.3188, 72.4332



18.5627, 20.5438, 20.5931



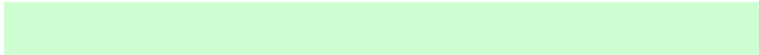
0.0000, 0.0000, 0.0000



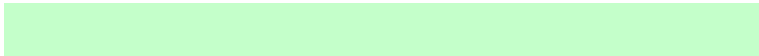
20.3446, 21.4041, 23.3091

Same Dimension

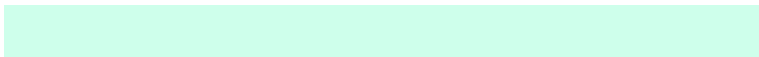
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9722, 89.3453, 75.0287



69.3166, 87.5829, 69.3374



76.2674, 90.6634, 92.3811



17.8469, 20.1983, 19.4966



18.8074, 37.4195, 6.8710



1.8550, 3.6529, 0.7941

Inverse Universe

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



80.5669, 72.3055, 100.1521



78.1601, 67.7384, 98.5897



76.9844, 70.8725, 81.2870



18.7081, 18.2665, 22.3458



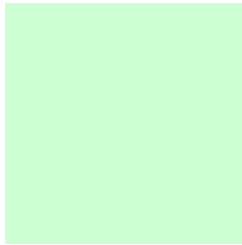
28.9695, 14.0771, 40.0853



2.8428, 1.3795, 4.0193

Previews

White Background



This preview shows how the XYZ color 72.9715, 89.3450, 75.0273 looks on a white background.

Color Contrast Check

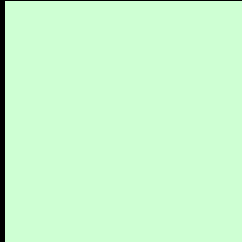
Large Text (above 18pt) WCAG AA × Fail

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 72.9715, 89.3450, 75.0273 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

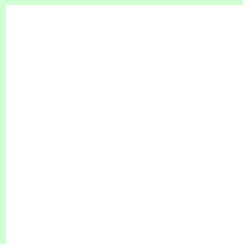
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9715, 89.3450, 75.0273

Background



This preview shows how black text looks on a background with the XYZ color 72.9715, 89.3450, 75.0273.



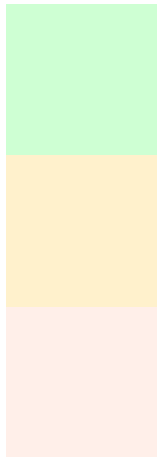
This preview shows how white text looks on a background with the XYZ color 72.9715, 89.3450,

75.0273.

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

72.9715, 89.3450, 75.0273

Protanopia

83.5944, 88.5302, 69.8089

Deuteranopia

86.8145, 88.8762, 89.6700



Tritanopia

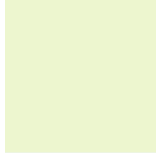
83.0155, 89.1828, 107.4464

Trichromacy



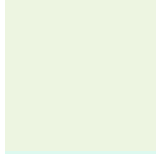
Original Color

72.9715, 89.3450, 75.0273



Protanomaly

79.1433, 88.4211, 71.9272



Deuteranomaly

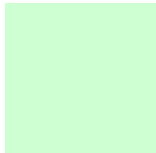
81.1681, 88.7456, 84.0858



Tritanomaly

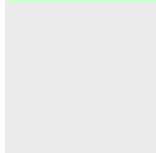
79.2745, 89.3555, 94.7305

Monochromacy



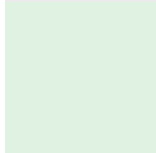
Original Color

72.9715, 89.3450, 75.0273



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.2201, 84.8425, 84.3105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9715, 89.3450, 75.0273 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(206, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 211)  
}
```

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(206, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.9715, 89.3450, 75.0273 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(206, 255, 211) }
```


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

```
.border{ border-color:rgb(206, 255, 211) }
```

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

Here you see how a box with a 4 pixel rgb(206, 255, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9715, 89.3450, 75.0273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 211) }
```

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

```
.background{ background-color: rgb(206,  
255, 211) }
```

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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