

Converting Colors

XYZ(72.5741, 89.2037, 72.1364)

Have a look what the booklet for
XYZ(72.5741, 89.2037, 72.1364)
contains.

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Color

**XYZ(72.7546, 89.2904,
72.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFCF
RGB	207, 255, 207
RGB Percent	81%, 100%, 81%
CMY	0.1882, 0.0000, 0.1882
CMYK	0.19, 0.00, 0.19, 0.00
HSL	120°, 100%, 91%
HSV	120°, 19%, 100%
XYZ	72.7546, 89.2904, 72.4317
YIQ	235.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

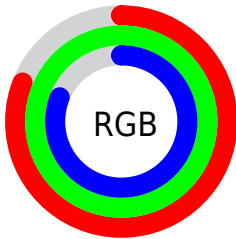
Format	Color
RYB	207, 255, 255
Decimal	13631439
CIELab	95.70, -24.09, 18.00
CIELCh	96, 30.073, 143.237
Yxy	89.2904, 0.3103, 0.3808
Android (android.graphics.Color)	4291821519 (0xFFCFFFCF)
YUV	235.1760, -13.8908, -24.7104
Hunter-Lab	94.4936, -27.9291, 20.6983

Details

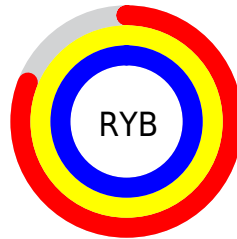
The XYZ color **72.7546, 89.2904, 72.4317** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.6030, 73.1062, 104.4170**, and the grayscale version is **79.2089, 83.3339, 90.7506**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8927, 49.3635, 37.6152** is the 20% darker color. If you saturate the color by 10%, you get **63.3260, 84.7613, 57.0099**, and if you desaturate by 10%, it is **83.8386, 94.6146, 90.5618**.

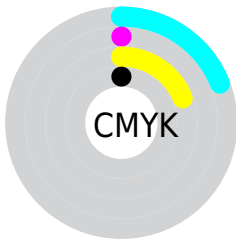
Distribution



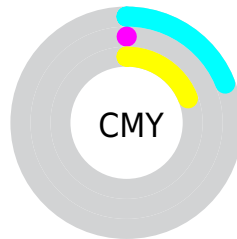
- Red (81%)
- Green (100%)
- Blue (81%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7546, 89.2904, 72.4317 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 72.7546, 89.2904, 72.4317 by changing the saturation by 10% instead.


 72.7546, 89.2904,
72.4317

 72.7546, 89.2904,
72.4317


459.2808,
525.7198, 488.0607

 54.0630, 67.3923,
53.0224


122.1338,
146.3523, 124.3835

 38.8829, 49.4035,
37.4328


153.5521,
182.2849, 157.7631

 26.8490, 34.9396,
25.2444


189.9433,
223.6644, 196.6366

 17.5958, 23.6164,
16.0385

231.6728,
270.8753, 241.4225

 10.7581, 15.0493,
9.3968

279.1059,
324.3018, 292.5393

 5.9705, 8.8540,
4.9005

332.6081,

 2.8677, 4.6461,

384.3285, 350.4055

2.1313

392.5446,
451.3397, 415.4398

■ 1.0842, 2.0411,
0.6343

■ 0.0118, 0.6312,
0.0000

■ 72.7546, 89.2904,
72.4317

■ 72.7546, 89.2904,
72.4317

■ 63.3260, 84.7613,
57.0099

■ 83.8386, 94.6146,
90.5618

■ 55.4716, 80.9885,
44.1625

95.0500, 100.0000,
108.9000

■ 49.1062, 77.9308,
33.7507

■ 44.1359, 75.5433,
25.6208

■ 40.4560, 73.7757,
19.6017

■ 37.9474, 72.5707,
15.4982

■ 36.4684, 71.8603,
13.0789

■ 35.8140, 71.5460,
12.0085

■ 35.7600, 71.5200,
11.9201

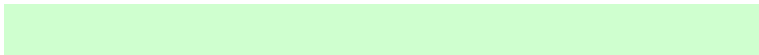
Harmonies

Analogous

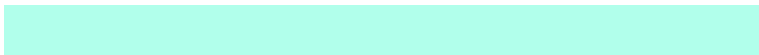
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7469, 89.2904, 61.0898



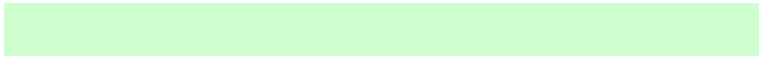
72.7546, 89.2904, 72.4317



70.0349, 89.2904, 91.9569

Triad

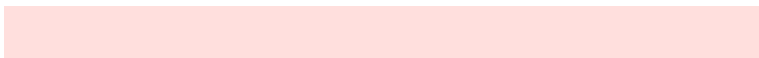
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7546, 89.2904, 72.4317



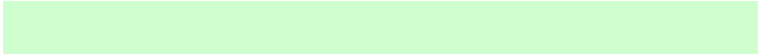
83.0089, 89.2904, 149.8256



100.3354, 89.2904, 80.3372

Complementary

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



72.7546, 89.2904, 72.4317



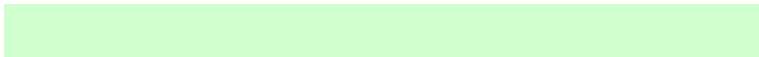
81.6030, 73.1062, 104.4170

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.



101.6598, 89.2904, 102.6845



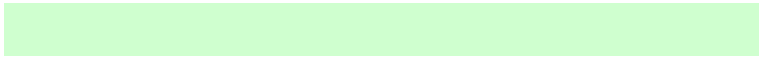
72.7546, 89.2904, 72.4317



91.2981, 89.2904, 145.3641

Square

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



72.7546, 89.2904, 72.4317



75.7013, 89.2904, 138.4635



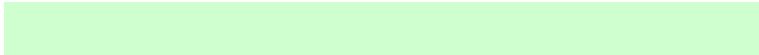
98.2561, 89.2904, 127.1075



94.7460, 89.2904, 65.1094

Rectangle

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



72.7546, 89.2904, 72.4317



70.3097, 89.2904, 108.0284



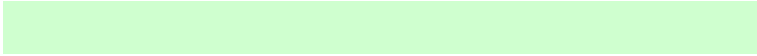
98.2561, 89.2904, 127.1075



101.3085, 89.2904, 87.1615

Sweetspot

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



72.7552, 89.2907, 72.4331



87.2771, 96.2663, 96.1861



88.2626, 97.2851, 73.1583



18.5080, 20.5219, 20.3049



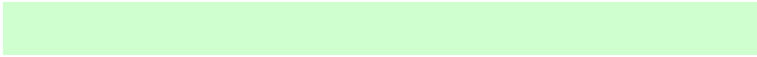
0.0000, 0.0000, 0.0000



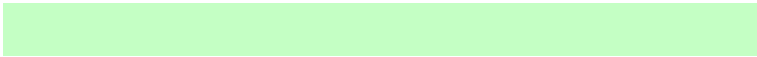
20.3446, 21.4041, 23.3091

Same Dimension

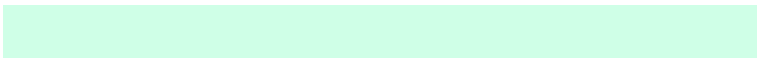
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7552, 89.2907, 72.4331



68.6199, 87.3043, 65.6691



75.9164, 90.5551, 89.0795



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



81.6030, 73.1062, 104.4170



79.1088, 68.1179, 103.5854



77.9770, 71.6558, 85.3229



18.7927, 18.3004, 22.7917



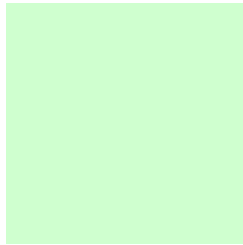
30.9799, 14.8813, 50.6721



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 72.7546, 89.2904, 72.4317 looks on a white background.

Color Contrast Check

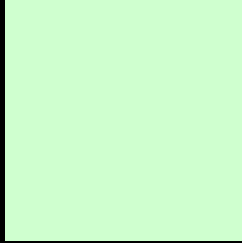
Large Text (above 18pt) WCAG AA × Fail

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 72.7546, 89.2904, 72.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

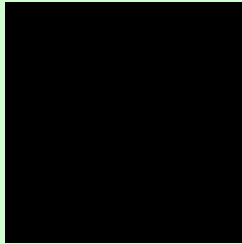
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

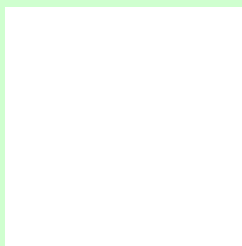
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7546, 89.2904, 72.4317

Background



This preview shows how black text looks on a background with the XYZ color 72.7546, 89.2904, 72.4317.

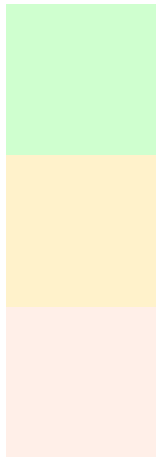


This preview shows how white text looks on a background with the XYZ color 72.7546, 89.2904,

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

72.7546, 89.2904, 72.4317

Protanopia

83.7716, 89.0761, 69.2781

Deuteranopia

86.6720, 88.8192, 88.9196



Tritanopia

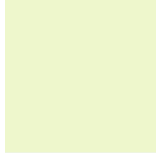
83.3355, 89.3478, 107.4613

Trichromacy



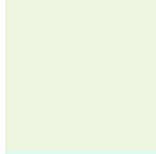
Original Color

72.7546, 89.2904, 72.4317



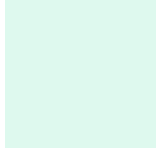
Protanomaly

79.4197, 89.0583, 70.1308



Deuteranomaly

81.2316, 88.8097, 82.6727



Tritanomaly

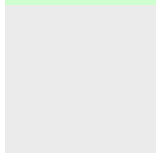
79.4325, 89.4540, 93.9687

Monochromacy



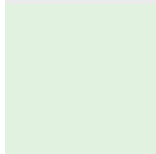
Original Color

72.7546, 89.2904, 72.4317



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.3941, 84.9481, 83.6044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7546, 89.2904, 72.4317 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, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 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(207, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 72.7546, 89.2904, 72.4317 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, 255, 207) }
```


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

```
.border{ border-color:rgb(207, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7546, 89.2904, 72.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 207) }
```

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

```
.background{ background-color: rgb(207,  
255, 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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