

Converting Colors

XYZ(125.4461, 195.9357,
76.7874)

Have a look what the booklet for
XYZ(125.4461, 195.9357, 76.7874)
contains.

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Color

**XYZ(72.1433, 89.2768,
58.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFB8
RGB	214, 255, 184
RGB Percent	84%, 100%, 72%
CMY	0.1608, 0.0000, 0.2784
CMYK	0.16, 0.00, 0.28, 0.00
HSL	95°, 100%, 86%
HSV	95°, 28%, 100%
XYZ	72.1433, 89.2768, 58.7772
YIQ	234.6470, -1.6450, -30.7730

Conversions

Conversions Part 2

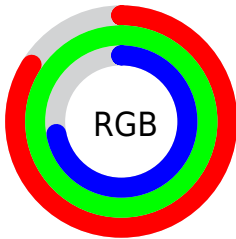
Format	Color
RYB	184, 255, 225
Decimal	14090168
CIELab	95.70, -25.35, 29.73
CIELCh	96, 39.074, 130.454
Yxy	89.2768, 0.3276, 0.4054
Android (android.graphics.Color)	4292280248 (0xFFD6FFB8)
YUV	234.6470, -24.9690, -18.1074
Hunter-Lab	94.4864, -29.0609, 29.2579

Details

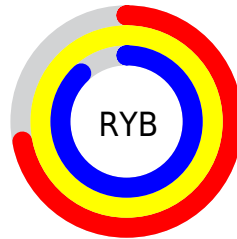
The XYZ color **72.1433, 89.2768, 58.7772** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.2428, 57.5098, 102.2169**, and the grayscale version is **78.8814, 82.9894, 90.3754**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **38.3239, 49.2690, 28.6091** is the 20% darker color. If you saturate the color by 10%, you get **65.6012, 86.1858, 45.7529**, and if you desaturate by 10%, it is **79.5568, 92.7614, 74.3599**.

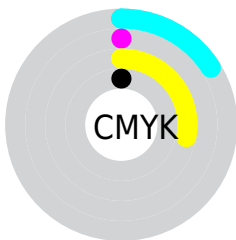
Distribution



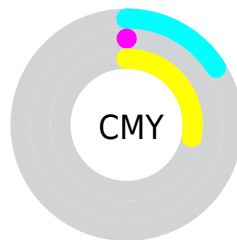
- Red (84%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1433, 89.2768, 58.7772 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 72.1433, 89.2768, 58.7772 by changing the saturation by 10% instead.


 72.1433, 89.2768,
58.7772

 72.1433, 89.2768,
58.7772


457.1901,
525.6755, 437.7546

 53.5616, 67.3810,
42.0150

 121.2699,
146.3334, 104.5797

 38.4806, 49.3943,
28.7873


152.5456,
182.2630, 134.4571

 26.5348, 34.9324,
18.6758


188.7833,
223.6393, 169.5432

 17.3589, 23.6108,
11.2618

230.3485,
270.8468, 210.2567

 10.5876, 15.0452,
6.1269

277.6064,
324.2697, 257.0160

 5.8555, 8.8511,
2.8523

330.9224,

 2.7972, 4.6442,

384.2925, 310.2398

1.0197

390.6618,
451.2997, 370.3464

■ 1.0475, 2.0400,
0.0000

■ 0.0000, 0.6306,
0.0000

■ 72.1433, 89.2768,
58.7772

■ 72.1433, 89.2768,
58.7772

■ 65.6012, 86.1858,
45.7529

■ 79.5568, 92.7614,
74.3599

■ 59.8930, 83.4719,
35.1462

■ 87.8741, 96.6535,
92.6236

■ 54.9800, 81.1186,
26.8086

95.0500, 100.0000,
108.9000

■ 50.8196, 79.1076,
20.5739

■ 47.3644, 77.4184,
16.2530

■ 44.5597, 76.0278,
13.6228

■ 42.3359, 74.9065,
12.3851

■ 41.9133, 74.6922,
12.2080

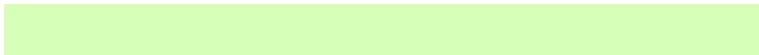
Harmonies

Analogous

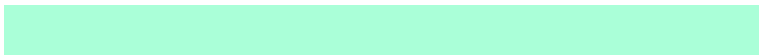
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1611, 89.2768, 49.8580



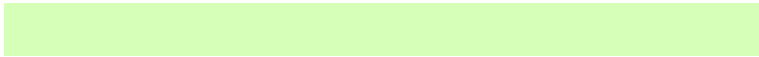
72.1433, 89.2768, 58.7772



66.8364, 89.2768, 78.7248

Triad

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



72.1433, 89.2768, 58.7772



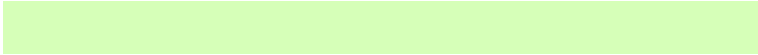
78.1288, 89.2768, 164.3079



106.8369, 89.2768, 86.8616

Complementary

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



72.1433, 89.2768, 58.7772



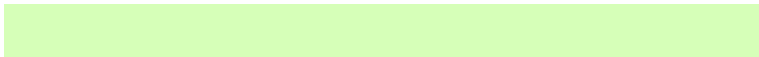
66.2428, 57.5098, 102.2169

Split Complementary

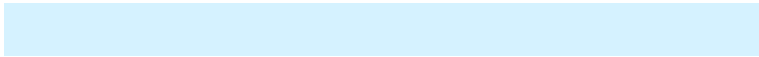
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.8516, 89.2768, 118.3773



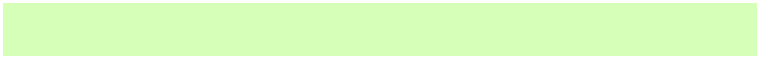
72.1433, 89.2768, 58.7772



88.6591, 89.2768, 167.7766

Square

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



72.1433, 89.2768, 58.7772



70.0849, 89.2768, 140.8745



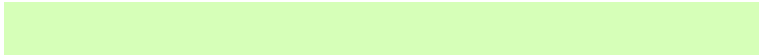
98.9783, 89.2768, 149.5397



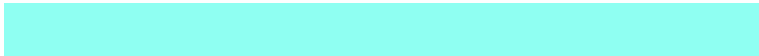
101.5667, 89.2768, 63.6483

Rectangle

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



72.1433, 89.2768, 58.7772



65.8267, 89.2768, 97.6769



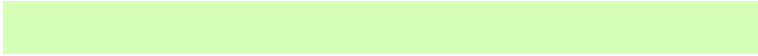
98.9783, 89.2768, 149.5397



107.2365, 89.2768, 96.7391

Sweetspot

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



72.1438, 89.2771, 58.7785



87.7356, 96.5888, 92.3140



76.6107, 78.1582, 56.3969



18.4990, 20.5432, 19.1346



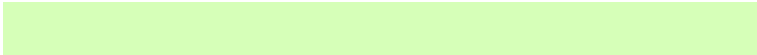
0.0000, 0.0000, 0.0000



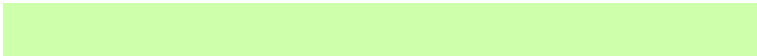
20.3446, 21.4041, 23.3091

Same Dimension

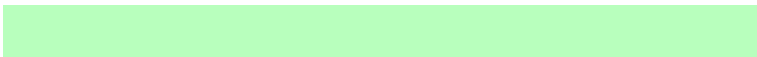
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1438, 89.2771, 58.7785



68.6628, 87.6345, 51.7494



64.6844, 85.3733, 61.0632



18.4990, 20.5432, 19.1346



22.0623, 39.1116, 6.3865



2.2696, 3.8708, 0.6275

Inverse Universe

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



66.2428, 57.5098, 102.2169



61.9318, 51.4182, 101.2683



75.6782, 62.4609, 98.7295



18.0077, 17.8957, 22.7551



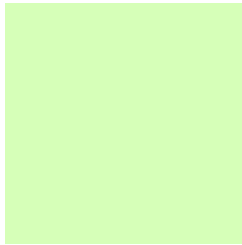
15.9170, 7.1160, 49.9692



1.6746, 0.7572, 4.8712

Previews

White Background



This preview shows how the XYZ color 72.1433, 89.2768, 58.7772 looks on a white background.

Color Contrast Check

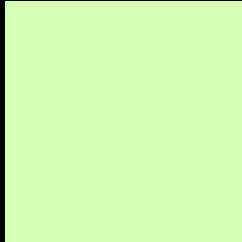
Large Text (above 18pt) WCAG AA × Fail

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 72.1433, 89.2768, 58.7772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

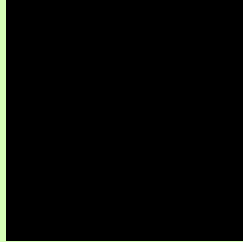
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

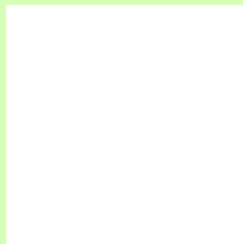
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1433, 89.2768, 58.7772

Background



This preview shows how black text looks on a background with the XYZ color 72.1433, 89.2768, 58.7772.



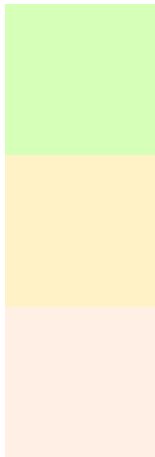
This preview shows how white text looks on a background with the XYZ color 72.1433, 89.2768,

58.7772.

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

72.1433, 89.2768, 58.7772

Protanopia

83.3009, 88.8878, 66.7995

Deuteranopia

86.1101, 88.5944, 85.9607



Tritanopia

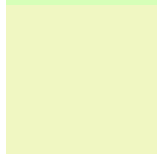
84.0050, 89.2450, 107.4062

Trichromacy



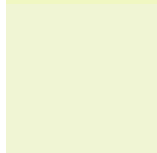
Original Color

72.1433, 89.2768, 58.7772



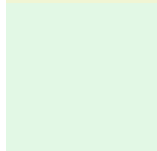
Protanomaly

78.9335, 88.9418, 64.0462



Deuteranomaly

80.4713, 88.5835, 75.1444



Tritanomaly

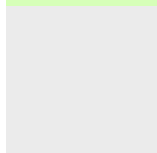
79.0743, 88.9607, 87.1322

Monochromacy



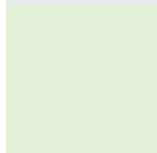
Original Color

72.1433, 89.2768, 58.7772



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

75.8254, 84.7930, 77.3360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1433, 89.2768, 58.7772 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, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 184)  
}
```

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, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 72.1433, 89.2768, 58.7772 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, 255, 184) }
```


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

```
.border{ border-color:rgb(214, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1433, 89.2768, 58.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 184) }
```

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

```
.background{ background-color: rgb(214,  
255, 184) }
```

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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