

Converting Colors

XYZ(83.2155, 110.8115,
67.0008)

Have a look what the booklet for
XYZ(83.2155, 110.8115, 67.0008)
contains.

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Color

**XYZ(72.4258, 89.3228,
63.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFC0
RGB	212, 255, 192
RGB Percent	83%, 100%, 75%
CMY	0.1686, 0.0000, 0.2470
CMYK	0.17, 0.00, 0.25, 0.00
HSL	101°, 100%, 88%
HSV	101°, 25%, 100%
XYZ	72.4258, 89.3228, 63.2930
YIQ	234.9610, -5.4050, -28.7090

Conversions

Conversions Part 2

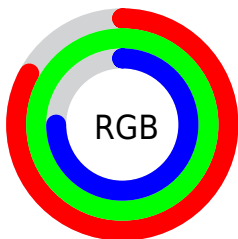
Format	Color
RYB	192, 255, 235
Decimal	13959104
CIELab	95.72, -24.84, 25.70
CIELCh	96, 35.741, 134.029
Yxy	89.3228, 0.3218, 0.3969
Android (android.graphics.Color)	4292149184 (0xFFD4FFC0)
YUV	234.9610, -21.1798, -20.1368
Hunter-Lab	94.5107, -28.6051, 26.4515

Details

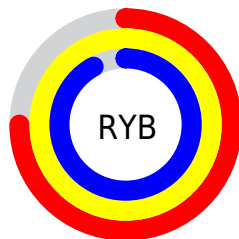
The XYZ color **72.4258, 89.3228, 63.2930** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.1616, 62.5827, 102.9368**, and the grayscale version is **79.0945, 83.2136, 90.6196**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.6862, 49.3912, 31.5392** is the 20% darker color. If you saturate the color by 10%, you get **65.0905, 85.8400, 49.4566**, and if you desaturate by 10%, it is **80.7927, 93.2808, 79.7355**.

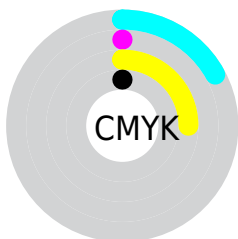
Distribution



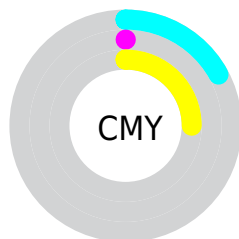
- Red (83%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4258, 89.3228, 63.2930 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 72.4258, 89.3228, 63.2930 by changing the saturation by 10% instead.

 72.4258, 89.3228,
63.2930

 72.4258, 89.3228,
63.2930


458.1570,
525.8255, 454.7692

 53.7933, 67.4191,
45.6358

 121.6692,
146.3974, 111.1818

 38.6664, 49.4253,
31.6119


153.0109,
182.3371, 142.2504

 26.6799, 34.9570,
20.8029


189.3196,
223.7242, 178.6265

 17.4683, 23.6297,
12.7902

230.9608,
270.9432, 220.7287

 10.6663, 15.0592,
7.1552

278.2997,
324.3784, 268.9756

 5.9085, 8.8609,
3.4794

331.7019,

 2.8297, 4.6506,

384.4143, 323.7856

1.3443

391.5325,
451.4352, 385.5773

■ 1.0643, 2.0437,
0.0977

■ 0.0000, 0.6327,
0.0000

■ 72.4258, 89.3228,
63.2930

■ 72.4258, 89.3228,
63.2930

■ 65.0905, 85.8400,
49.4566

■ 80.7927, 93.2808,
79.7355

■ 58.7429, 82.8127,
38.0886

■ 90.2292, 97.7310,
98.9043

■ 53.3379, 80.2209,
29.0446

95.0500, 100.0000,
108.9000

■ 48.8264, 78.0428,
22.1637

■ 45.1537, 76.2541,
17.2644

■ 42.2585, 74.8278,
14.1356

■ 40.0685, 73.7324,
12.5179

■ 39.1490, 73.2671,
12.0786

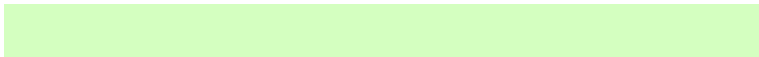
Harmonies

Analogous

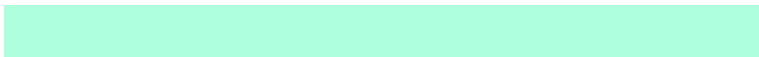
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3980, 89.3228, 53.6198



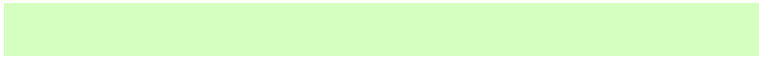
72.4258, 89.3228, 63.2930



67.9900, 89.3228, 83.1079

Triad

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



72.4258, 89.3228, 63.2930



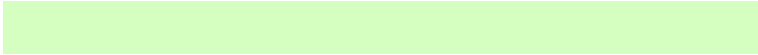
79.8025, 89.3228, 159.1464



104.5917, 89.3228, 84.7145

Complementary

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



72.4258, 89.3228, 63.2930



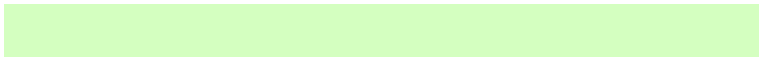
71.1616, 62.5827, 102.9368

Split Complementary

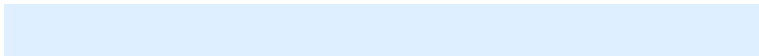
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.4012, 89.3228, 112.9280



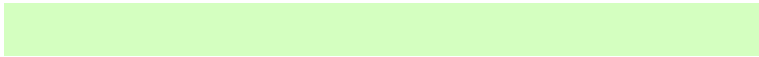
72.4258, 89.3228, 63.2930



89.5642, 89.3228, 159.8069

Square

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



72.4258, 89.3228, 63.2930



72.0190, 89.3228, 139.9480



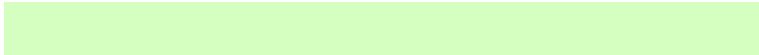
98.7271, 89.3228, 141.6085



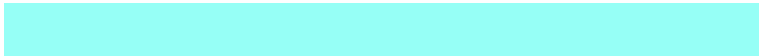
99.2290, 89.3228, 64.2726

Rectangle

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



72.4258, 89.3228, 63.2930



67.4027, 89.3228, 101.1110



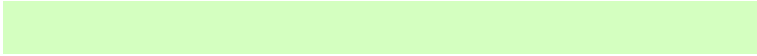
98.7271, 89.3228, 141.6085



105.1871, 89.3228, 93.5028

Sweetspot

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



72.4263, 89.3231, 63.2944



87.9668, 96.6652, 94.2576



80.1777, 83.9120, 61.8414



18.7032, 20.6313, 19.9187



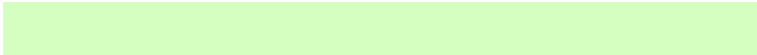
0.0000, 0.0000, 0.0000



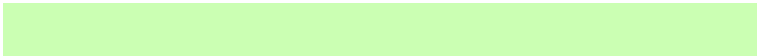
20.3446, 21.4041, 23.3091

Same Dimension

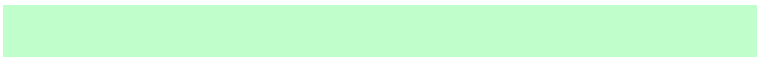
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4263, 89.3231, 63.2944



68.4163, 87.4208, 55.6512



68.2190, 87.0149, 69.3893



18.3142, 20.4479, 19.1259



20.5922, 38.3537, 6.3177



2.1127, 3.7899, 0.6202

Inverse Universe

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



71.1616, 62.5827, 102.9368



66.9332, 56.2017, 101.9280



76.4954, 65.5224, 94.6022



18.1990, 17.9943, 22.7640



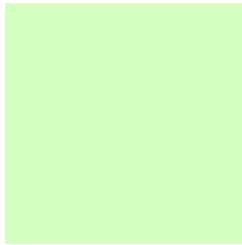
18.7201, 8.5611, 50.1004



1.9362, 0.8921, 4.8834

Previews

White Background



This preview shows how the XYZ color 72.4258, 89.3228, 63.2930 looks on a white background.

Color Contrast Check

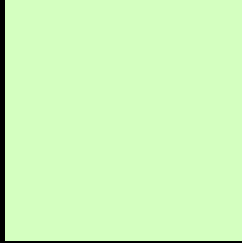
Large Text (above 18pt) WCAG AA × Fail

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 72.4258, 89.3228, 63.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

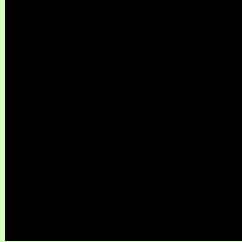
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

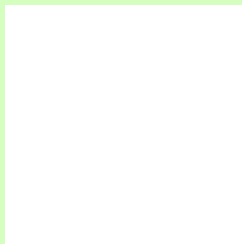
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4258, 89.3228, 63.2930

Background



This preview shows how black text looks on a background with the XYZ color 72.4258, 89.3228, 63.2930.

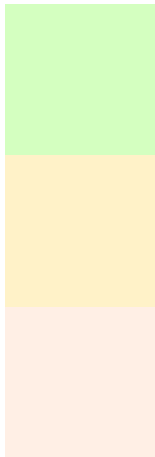


This preview shows how white text looks on a background with the XYZ color 72.4258, 89.3228, 63.2930.

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

72.4258, 89.3228, 63.2930

Protanopia

83.4175, 88.9344, 67.4131

Deuteranopia

86.2494, 88.6501, 86.6941



Tritanopia

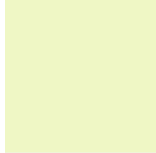
83.6794, 89.0772, 107.3910

Trichromacy



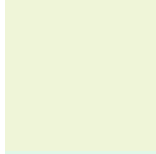
Original Color

72.4258, 89.3228, 63.2930



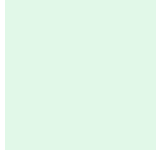
Protanomaly

78.9354, 88.9035, 65.8231



Deuteranomaly

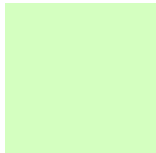
80.6437, 88.6134, 77.8195



Tritanomaly

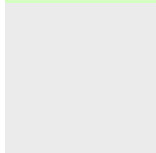
79.1842, 88.9686, 89.3431

Monochromacy



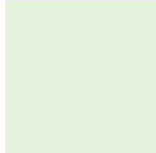
Original Color

72.4258, 89.3228, 63.2930



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.2169, 84.9496, 79.3977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4258, 89.3228, 63.2930 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(212, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 192)  
}
```

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(212, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 72.4258, 89.3228, 63.2930 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(212, 255, 192) }
```


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

```
.border{ border-color:rgb(212, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 255, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 255, 192); box-shadow:4px 4px 4px 4px rgb(212, 255, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4258, 89.3228, 63.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 192) }
```

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

```
.background{ background-color: rgb(212,  
255, 192) }
```

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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