

Converting Colors

XYZ(77.3049, 100.0000,
65.0292)

Have a look what the booklet for
XYZ(77.3049, 100.0000, 65.0292)
contains.

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Color

**XYZ(71.8528, 89.0274,
63.2661)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFC0
RGB	210, 255, 192
RGB Percent	82%, 100%, 75%
CMY	0.1765, 0.0000, 0.2471
CMYK	0.18, 0.00, 0.25, 0.00
HSL	103°, 100%, 88%
HSV	103°, 25%, 100%
XYZ	71.8528, 89.0274, 63.2661
YIQ	234.3630, -6.5970, -29.1330

Conversions

Conversions Part 2

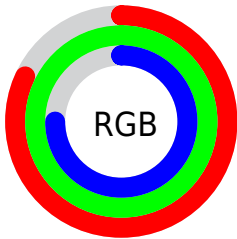
Format	Color
RYB	192, 255, 237
Decimal	13828032
CIELab	95.59, -25.52, 25.51
CIELCh	96, 36.080, 135.009
Yxy	89.0274, 0.3206, 0.3972
Android (android.graphics.Color)	4292018112 (0xFFD2FFC0)
YUV	234.3630, -20.8850, -21.3664
Hunter-Lab	94.3543, -29.1886, 26.2931

Details

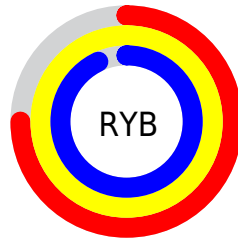
The XYZ color **71.8528, 89.0274, 63.2661** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.8255, 62.9250, 102.9679**, and the grayscale version is **78.6383, 82.7336, 90.0969**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.2991, 49.1917, 31.5211** is the 20% darker color. If you saturate the color by 10%, you get **64.3734, 85.4703, 49.4230**, and if you desaturate by 10%, it is **80.4132, 93.0852, 79.7177**.

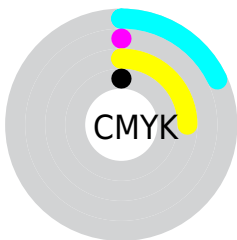
Distribution



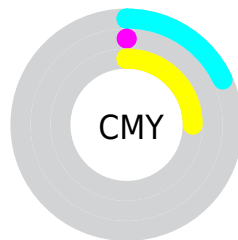
- Red (82%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (93%)



- Cyan (18%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8528, 89.0274, 63.2661 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 71.8528, 89.0274, 63.2661 by changing the saturation by 10% instead.


 71.8528, 89.0274,
63.2661

 71.8528, 89.0274,
63.2661


456.1947,
524.8619, 454.6691

 53.3235, 67.1743,
45.6141

 120.8592,
145.9867, 111.1426

 38.2896, 49.2263,
31.5950


152.0669,
181.8616, 142.2042

 26.3857, 34.7990,
20.7901


188.2315,
223.1792, 178.5728

 17.2466, 23.5081,
12.7809

229.7183,
270.3240, 220.6669

 10.5069, 14.9691,
7.1489

276.8927,
323.6802, 268.9050

 5.8011, 8.7977,
3.4755

330.1199,

 2.7640, 4.6095,

383.6324, 323.7057

1.3423

389.7655,
450.5648, 385.4876

■ 1.0302, 2.0200,
0.0961

■ 0.0000, 0.6191,
0.0000

■ 71.8528, 89.0274,
63.2661

■ 71.8528, 89.0274,
63.2661

■ 64.3734, 85.4703,
49.4230

■ 80.4132, 93.0852,
79.7177

■ 57.9283, 82.3928,
38.0504

■ 90.0951, 97.6619,
98.8979

■ 52.4699, 79.7734,
29.0040

■ 95.0500, 100.0000,
108.9000

■ 47.9456, 77.5887,
22.1225

■ 44.2978, 75.8128,
17.2244

■ 41.4612, 74.4167,
14.0983

■ 39.3593, 73.3667,
12.4847

■ 38.4967, 72.9308,
12.0481

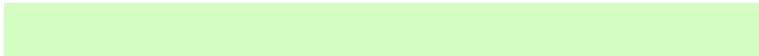
Harmonies

Analogous

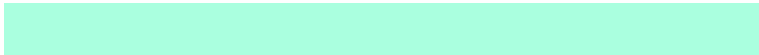
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7816, 89.0274, 53.2265



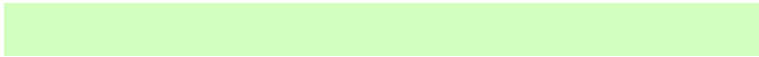
71.8528, 89.0274, 63.2661



67.5246, 89.0274, 83.5029

Triad

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



71.8528, 89.0274, 63.2661



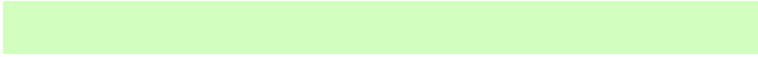
79.7874, 89.0274, 159.7331



104.3748, 89.0274, 83.4873

Complementary

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



71.8528, 89.0274, 63.2661



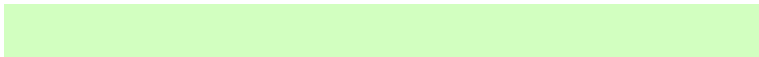
71.8255, 62.9250, 102.9679

Split Complementary

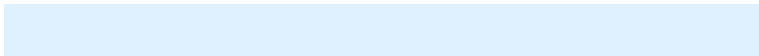
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.3767, 89.0274, 111.7369



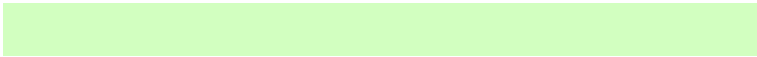
71.8528, 89.0274, 63.2661



89.6457, 89.0274, 159.7266

Square

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



71.8528, 89.0274, 63.2661



71.8568, 89.0274, 140.8449



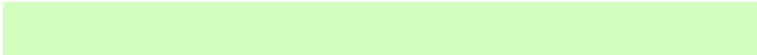
98.8118, 89.0274, 140.8287



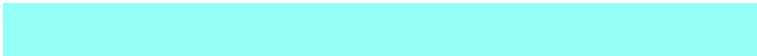
98.8069, 89.0274, 63.2566

Rectangle

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



71.8528, 89.0274, 63.2661



67.0309, 89.0274, 101.7760



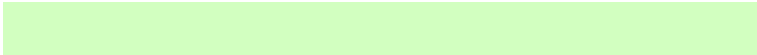
98.8118, 89.0274, 140.8287



105.0398, 89.0274, 92.2513

Sweetspot

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



71.8534, 89.0277, 63.2675



87.7718, 96.5647, 94.2485



80.7791, 85.1148, 62.0417



18.6581, 20.6081, 19.9166



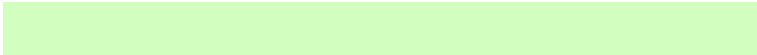
0.0000, 0.0000, 0.0000



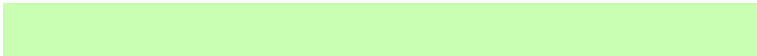
20.3446, 21.4041, 23.3091

Same Dimension

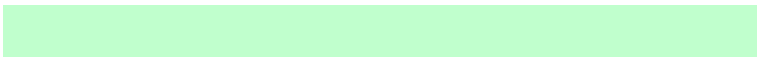
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8534, 89.0277, 63.2675



67.7610, 87.0830, 55.6205



68.4702, 87.1153, 70.7121



18.2589, 20.4194, 19.1233



20.2414, 38.1729, 6.3013



2.0728, 3.7693, 0.6183

Inverse Universe

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



71.8255, 62.9250, 102.9679



67.7212, 56.6079, 101.9649



76.1774, 65.3951, 92.9276



18.2573, 18.0244, 22.7667



19.6840, 9.0579, 50.1455



2.0242, 0.9375, 4.8875

Previews

White Background



This preview shows how the XYZ color 71.8528, 89.0274, 63.2661 looks on a white background.

Color Contrast Check

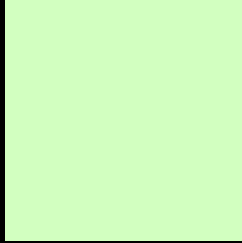
Large Text (above 18pt) WCAG AA × Fail

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 71.8528, 89.0274, 63.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

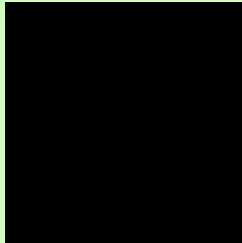
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

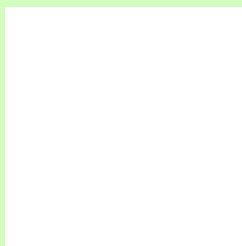
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8528, 89.0274, 63.2661

Background



This preview shows how black text looks on a background with the XYZ color 71.8528, 89.0274, 63.2661.



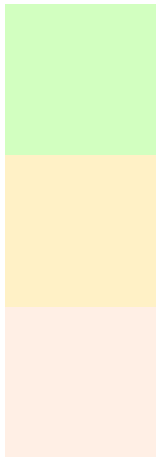
This preview shows how white text looks on a background with the XYZ color 71.8528, 89.0274,

63.2661.

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

71.8528, 89.0274, 63.2661

Protanopia

82.8883, 88.2478, 66.0909

Deuteranopia

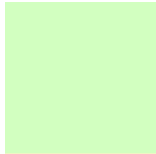
86.2494, 88.6501, 86.6941



Tritanopia

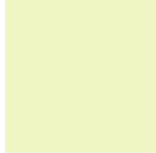
83.3557, 88.9103, 107.3758

Trichromacy



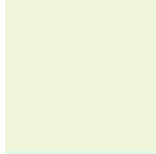
Original Color

71.8528, 89.0274, 63.2661



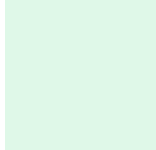
Protanomaly

78.5162, 88.2478, 65.1198



Deuteranomaly

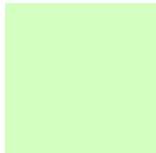
80.6437, 88.6134, 77.8195



Tritanomaly

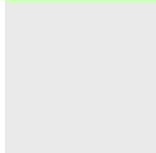
78.5643, 88.6490, 89.3141

Monochromacy



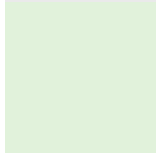
Original Color

71.8528, 89.0274, 63.2661



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.5897, 84.6263, 79.3683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8528, 89.0274, 63.2661 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(210, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 71.8528, 89.0274, 63.2661 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(210, 255, 192) }
```


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

```
.border{ border-color:rgb(210, 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(210, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8528, 89.0274, 63.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 192) }
```

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

```
.background{ background-color: rgb(210,  
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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