

Converting Colors

XYZ(71.2943, 88.7649, 62.0922)

Have a look what the booklet for
XYZ(71.2943, 88.7649, 62.0922)
contains.

XYZ(71.3488, 88.7930, 62.0935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.3488, 88.7930,
62.0935)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FFBE
RGB	209, 255, 190
RGB Percent	82%, 100%, 75%
CMY	0.1804, 0.0000, 0.2549
CMYK	0.18, 0.00, 0.25, 0.00
HSL	102°, 100%, 87%
HSV	102°, 25%, 100%
XYZ	71.3488, 88.7930, 62.0935
YIQ	233.8360, -6.5510, -29.9670

Conversions

Conversions Part 2

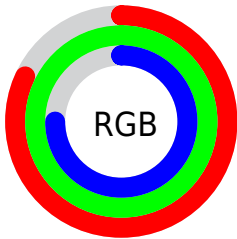
Format	Color
RYB	190, 255, 236
Decimal	13762494
CIELab	95.49, -26.16, 26.38
CIELCh	95, 37.151, 134.765
Yxy	88.7930, 0.3211, 0.3995
Android (android.graphics.Color)	4291952574 (0xFFD1FFBE)
YUV	233.8360, -21.6111, -21.7812
Hunter-Lab	94.2300, -29.7465, 26.8915

Details

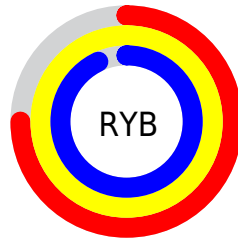
The XYZ color **71.3488, 88.7930, 62.0935** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.0564, 61.8810, 102.8069**, and the grayscale version is **78.2441, 82.3189, 89.6453**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **37.9644, 49.0358, 30.7565** is the 20% darker color. If you saturate the color by 10%, you get **63.9808, 85.2890, 48.4506**, and if you desaturate by 10%, it is **79.7840, 92.7908, 78.3343**.

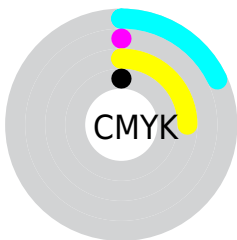
Distribution



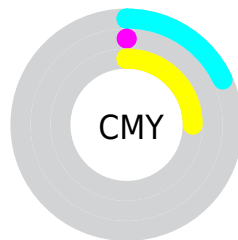
- Red (82%)
- Green (100%)
- Blue (75%)



- 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 71.3488, 88.7930, 62.0935 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 71.3488, 88.7930, 62.0935 by changing the saturation by 10% instead.


 71.3488, 88.7930,
62.0935

 71.3488, 88.7930,
62.0935


454.4647,
524.0967, 450.2891

 52.9104, 66.9800,
44.6720

 120.1461,
145.6607, 109.4336

 37.9585, 49.0684,
30.8581


151.2357,
181.4841, 140.1892

 26.1275, 34.6737,
20.2332


187.2731,
222.7466, 176.2266

 17.0523, 23.4117,
12.3789

228.6237,
269.8323, 217.9643

 10.3673, 14.8978,
6.8766

275.6528,
323.1258, 265.8209

 5.7073, 8.7477,
3.3078

328.7258,

 2.7069, 4.5770,

383.0114, 320.2148

1.2539

388.2079,
449.8736, 381.5647

■ 1.0007, 2.0013,
0.0235

■ 0.0000, 0.6082,
0.0000

■ 71.3488, 88.7930,
62.0935

■ 71.3488, 88.7930,
62.0935

■ 63.9808, 85.2890,
48.4506

■ 79.7840, 92.7908,
78.3343

■ 57.6337, 82.2580,
37.2668

■ 89.3265, 97.3004,
97.2938

■ 52.2601, 79.6785,
28.3966

95.0500, 100.0000,
108.9000

■ 47.8079, 77.5274,
21.6776

■ 44.2195, 75.7790,
16.9262

■ 41.4298, 74.4043,
13.9284

■ 39.3622, 73.3697,
12.4192

■ 38.6255, 72.9972,
12.0541

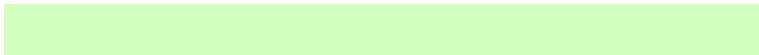
Harmonies

Analogous

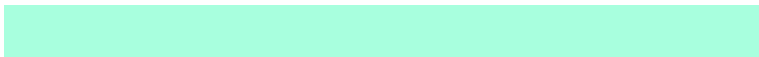
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5045, 88.7930, 51.9760



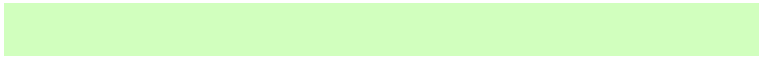
71.3488, 88.7930, 62.0935



66.8840, 88.7930, 82.6864

Triad

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



71.3488, 88.7930, 62.0935



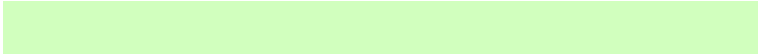
79.3557, 88.7930, 161.4765



104.7712, 88.7930, 83.0866

Complementary

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



71.3488, 88.7930, 62.0935



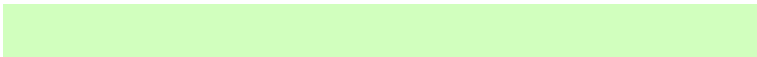
71.0564, 61.8810, 102.8069

Split Complementary

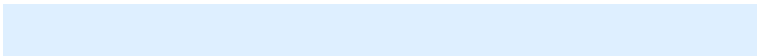
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.7233, 88.7930, 112.1706



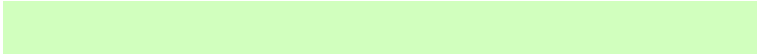
71.3488, 88.7930, 62.0935



89.4822, 88.7930, 161.6438

Square

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



71.3488, 88.7930, 62.0935



71.2475, 88.7930, 141.7698



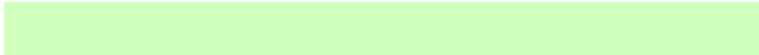
98.9420, 88.7930, 142.1893



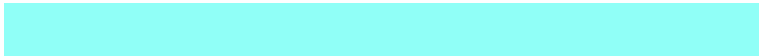
99.0681, 88.7930, 62.3355

Rectangle

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



71.3488, 88.7930, 62.0935



66.3543, 88.7930, 101.4123



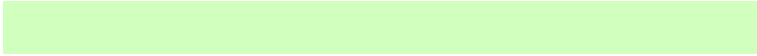
98.9420, 88.7930, 142.1893



105.4410, 88.7930, 92.0982

Sweetspot

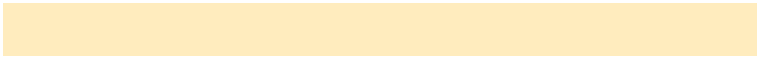
The Sweet Spot groups the original color and five complimentary colors.



71.3494, 88.7933, 62.0949



86.8243, 96.1190, 92.2713



80.3864, 84.6816, 60.8249



18.2704, 20.4253, 19.1239



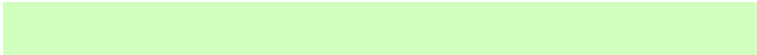
0.0000, 0.0000, 0.0000



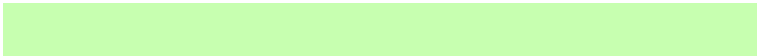
20.3446, 21.4041, 23.3091

Same Dimension

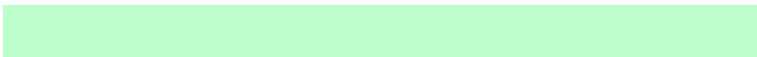
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3494, 88.7933, 62.0949



67.1597, 86.8024, 54.2632



67.7755, 86.7793, 69.6790



18.2704, 20.4253, 19.1239



20.3108, 38.2087, 6.3045



2.0808, 3.7735, 0.6187

Inverse Universe

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



71.0564, 61.8810, 102.8069



66.8097, 55.3891, 101.7776



75.6810, 64.4988, 92.4655



18.2451, 18.0181, 22.7662



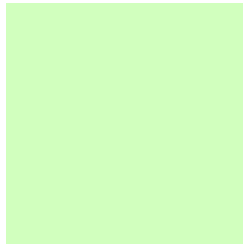
19.4792, 8.9524, 50.1359



2.0056, 0.9278, 4.8867

Previews

White Background



This preview shows how the XYZ color 71.3488, 88.7930, 62.0935 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 71.3488, 88.7930, 62.0935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

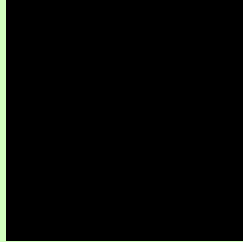
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

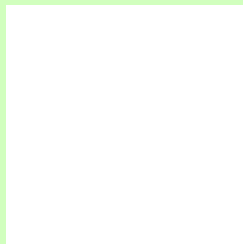
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3488, 88.7930, 62.0935

Background



This preview shows how black text looks on a background with the XYZ color 71.3488, 88.7930, 62.0935.

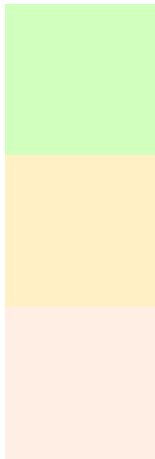


This preview shows how white text looks on a background with the XYZ color 71.3488, 88.7930,

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

71.3488, 88.7930, 62.0935

Protanopia

82.7733, 88.2018, 65.4854

Deuteranopia

85.8181, 88.0105, 85.8634



Tritanopia

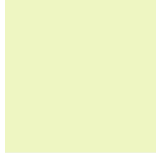
83.0338, 88.7444, 107.3608

Trichromacy



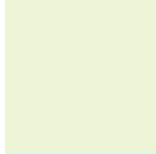
Original Color

71.3488, 88.7930, 62.0935



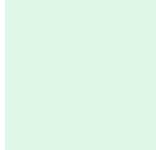
Protanomaly

77.9533, 87.9837, 63.9129



Deuteranomaly

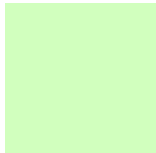
79.7482, 87.7335, 76.3494



Tritanomaly

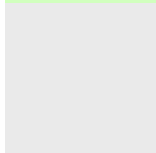
78.1154, 88.4339, 88.5536

Monochromacy



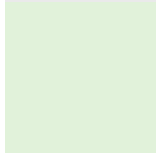
Original Color

71.3488, 88.7930, 62.0935



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.4584, 84.5738, 78.6770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3488, 88.7930, 62.0935 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(209, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 190)  
}
```

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(209, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 71.3488, 88.7930, 62.0935 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(209, 255, 190) }
```


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

```
.border{ border-color:rgb(209, 255, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3488, 88.7930, 62.0935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 190) }
```

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

```
.background{ background-color: rgb(209,  
255, 190) }
```

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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