

Converting Colors

XYZ(71.5232, 88.8816, 62.1624)

Have a look what the booklet for
XYZ(71.5232, 88.8816, 62.1624)
contains.

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Color

**XYZ(71.6326, 88.9393,
62.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFBE
RGB	210, 255, 190
RGB Percent	82%, 100%, 75%
CMY	0.1765, 0.0000, 0.2549
CMYK	0.18, 0.00, 0.25, 0.00
HSL	102°, 100%, 87%
HSV	102°, 25%, 100%
XYZ	71.6326, 88.9393, 62.1068
YIQ	234.1350, -5.9550, -29.7550

Conversions

Conversions Part 2

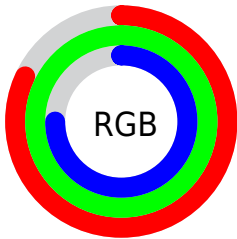
Format	Color
RYB	190, 255, 235
Decimal	13828030
CIELab	95.56, -25.82, 26.47
CIElCh	96, 36.981, 134.291
Yxy	88.9393, 0.3217, 0.3994
Android (android.graphics.Color)	4292018110 (0xFFD2FFBE)
YUV	234.1350, -21.7586, -21.1664
Hunter-Lab	94.3076, -29.4563, 26.9696

Details

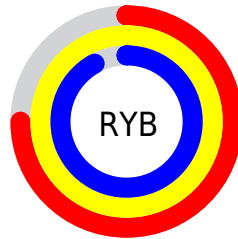
The XYZ color **71.6326, 88.9393, 62.1068** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.7254, 61.7103, 102.7914**, and the grayscale version is **78.4713, 82.5580, 89.9056**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **38.1556, 49.1343, 30.7654** is the 20% darker color. If you saturate the color by 10%, you get **64.3325, 85.4703, 48.4670**, and if you desaturate by 10%, it is **79.9760, 92.8898, 78.3433**.

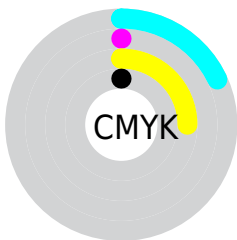
Distribution



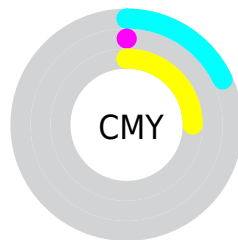
- Red (82%)
- Green (100%)
- Blue (75%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6326, 88.9393, 62.1068 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 71.6326, 88.9393, 62.1068 by changing the saturation by 10% instead.

 71.6326, 88.9393,
62.1068

 71.6326, 88.9393,
62.1068


455.4393,
524.5744, 450.3390

 53.1430, 67.1012,
44.6827


 120.5477,
145.8642, 109.4530

 38.1449, 49.1669,
30.8664


151.7038,
181.7197, 140.2121

 26.2729, 34.7519,
20.2395


187.8129,
223.0166, 176.2532

 17.1616, 23.4718,
12.3835

229.2403,
270.1392, 217.9950

 10.4458, 14.9423,
6.8797

276.3512,
323.4719, 265.8559

 5.7601, 8.7789,
3.3097

329.5111,

 2.7390, 4.5972,

383.3990, 320.2545

1.2549

389.0854,
450.3051, 381.6094

■ 1.0173, 2.0129,
0.0244

■ 0.0000, 0.6150,
0.0000

■ 71.6326, 88.9393,
62.1068

■ 71.6326, 88.9393,
62.1068

■ 64.3325, 85.4703,
48.4670

■ 79.9760, 92.8898,
78.3433

■ 58.0307, 82.4626,
37.2853

■ 89.4017, 97.3392,
97.2973

■ 52.6812, 79.8956,
28.4163

95.0500, 100.0000,
108.9000

■ 48.2334, 77.7468,
21.6975

■ 44.6313, 75.9913,
16.9455

■ 41.8118, 74.6012,
13.9462

■ 39.7001, 73.5439,
12.4351

■ 38.9396, 73.1592,
12.0688

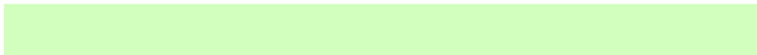
Harmonies

Analogous

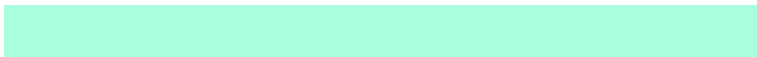
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8103, 88.9393, 52.1691



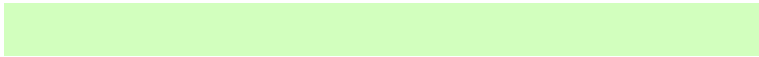
71.6326, 88.9393, 62.1068



67.1142, 88.9393, 82.4900

Triad

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



71.6326, 88.9393, 62.1068



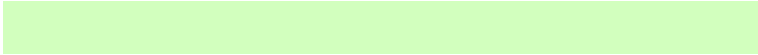
79.3627, 88.9393, 161.1787



104.8783, 88.9393, 83.6950

Complementary

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



71.6326, 88.9393, 62.1068



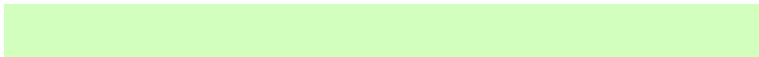
70.7254, 61.7103, 102.7914

Split Complementary

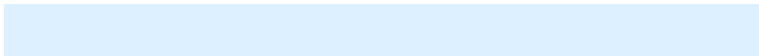
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.7342, 88.9393, 112.7641



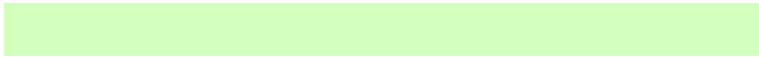
71.6326, 88.9393, 62.1068



89.4408, 88.9393, 161.6814

Square

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



71.6326, 88.9393, 62.1068



71.3276, 88.9393, 141.3177



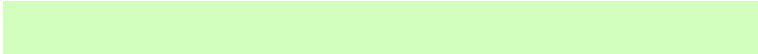
98.8986, 88.9393, 142.5783



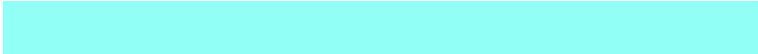
99.2778, 88.9393, 62.8362

Rectangle

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



71.6326, 88.9393, 62.1068



66.5382, 88.9393, 101.0801



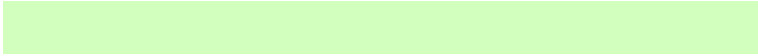
98.8986, 88.9393, 142.5783



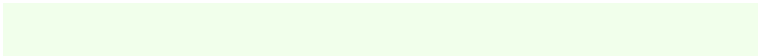
105.5134, 88.9393, 92.7198

Sweetspot

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



71.6332, 88.9396, 62.1082



86.9312, 96.1741, 92.2763



80.0763, 84.0614, 60.7216



18.2972, 20.4391, 19.1251



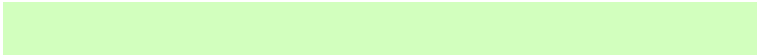
0.0000, 0.0000, 0.0000



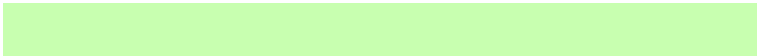
20.3446, 21.4041, 23.3091

Same Dimension

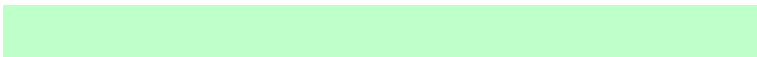
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6332, 88.9396, 62.1082



67.4837, 86.9695, 54.2784



67.6468, 86.7279, 69.0014



18.2972, 20.4391, 19.1251



20.4798, 38.2958, 6.3124



2.1000, 3.7834, 0.6196

Inverse Universe

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



70.7254, 61.7103, 102.7914



66.4166, 55.1864, 101.7592



75.8443, 64.5641, 93.3250



18.2169, 18.0035, 22.7648



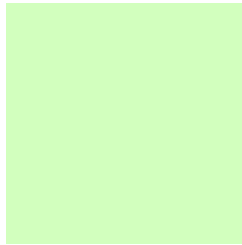
19.0108, 8.7109, 50.1140



1.9628, 0.9058, 4.8847

Previews

White Background



This preview shows how the XYZ color 71.6326, 88.9393, 62.1068 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 71.6326, 88.9393, 62.1068 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

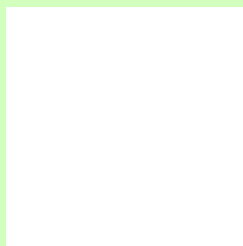
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6326, 88.9393, 62.1068

Background



This preview shows how black text looks on a background with the XYZ color 71.6326, 88.9393, 62.1068.

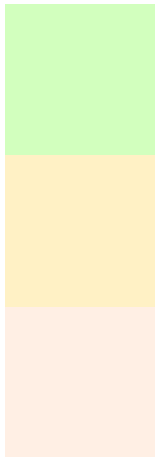


This preview shows how white text looks on a background with the XYZ color 71.6326, 88.9393,

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

71.6326, 88.9393, 62.1068

Protanopia

82.7733, 88.2018, 65.4854

Deuteranopia

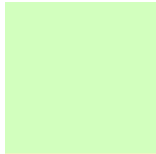
86.1101, 88.5944, 85.9607



Tritanopia

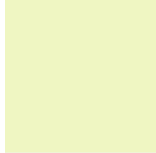
83.3557, 88.9103, 107.3758

Trichromacy



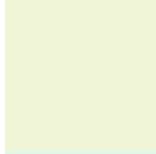
Original Color

71.6326, 88.9393, 62.1068



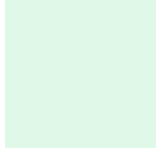
Protanomaly

78.2900, 88.1573, 63.9287



Deuteranomaly

80.3866, 88.5106, 76.4658



Tritanomaly

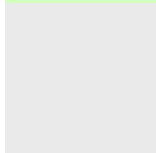
78.4226, 88.5923, 88.5680

Monochromacy



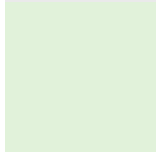
Original Color

71.6326, 88.9393, 62.1068



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 71.6326, 88.9393, 62.1068 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 71.6326, 88.9393, 62.1068 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, 190) }
```


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

```
.border{ border-color:rgb(210, 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(210, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6326, 88.9393, 62.1068 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, 190) }
```

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

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