

Converting Colors

XYZ(58.0655, 70.7571, 55.0761)

Have a look what the booklet for
XYZ(58.0655, 70.7571, 55.0761)
contains.

XYZ(58.2262, 71.0474, 54.9006)	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(58.2262, 71.0474,
54.9006)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE6B6
RGB	191, 230, 182
RGB Percent	75%, 90%, 71%
CMY	0.2510, 0.0980, 0.2863
CMYK	0.17, 0.00, 0.21, 0.10
HSL	109°, 49%, 81%
HSV	109°, 21%, 90%
XYZ	58.2262, 71.0474, 54.9006
YIQ	212.8670, -7.8360, -23.1960

Conversions

Conversions Part 2

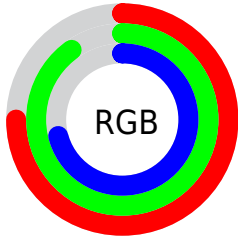
Format	Color
RYB	182, 230, 221
Decimal	12576438
CIELab	87.51, -21.51, 19.28
CIElCh	88, 28.881, 138.129
Yxy	71.0474, 0.3161, 0.3858
Android (android.graphics.Color)	4290766518 (0xFFBFE6B6)
YUV	212.8670, -15.2174, -19.1774
Hunter-Lab	84.2896, -24.2013, 20.3852

Details

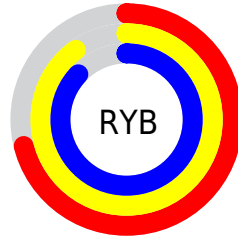
The XYZ color **58.2262, 71.0474, 54.9006** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.8325, 54.5432, 82.1883**, and the grayscale version is **63.2608, 66.5553, 72.4787**.

A 20% lighter version of the original color is **89.9040, 97.6495, 94.9987**, and **29.4150, 37.1754, 26.3941** is the 20% darker color. If you saturate the color by 10%, you get **51.6383, 67.9058, 43.1870**, and if you desaturate by 10%, it is **65.8080, 74.6605, 68.7016**.

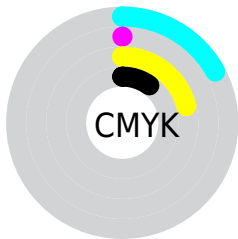
Distribution



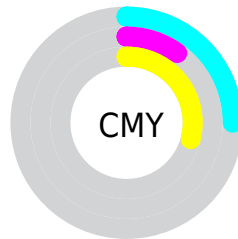
- Red (75%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)





- Cyan (25%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2262, 71.0474, 54.9006 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 58.2262, 71.0474, 54.9006 by changing the saturation by 10% instead.


 58.2262, 71.0474,
54.9006

 58.2262, 71.0474,
54.9006


407.9686,
464.2191, 422.8064

 42.2345, 52.3809,
38.9241


 101.3733,
120.7012, 98.8650

 29.4769, 37.3088,
26.3933


129.2593,
152.4573, 127.6899

 19.5879, 25.4466,
16.8897


161.8409,
189.3454, 161.6348

 12.2024, 16.4101,
9.9948

199.4833,
231.7498, 201.1181

 6.9549, 9.8148,
5.2899

242.5519,
280.0550, 246.5583

 3.4800, 5.2764,
2.3567


291.4121,

 1.4124, 2.4103,


334.6453, 298.3741


0.7627


346.4292,
395.9053, 356.9839


 0.2650, 0.8312,
0.0000


 0.0000, 0.0000,
0.0000


 58.2262, 71.0474,
54.9006


 58.2262, 71.0474,
54.9006


 51.6383, 67.9058,
43.1870


 65.8080, 74.6605,
68.7016

 45.9972, 65.2072,
33.4548

 74.4173, 78.7540,
84.6797

 41.2602, 62.9343,
25.5958

 84.0927, 83.3480,
102.9252

 37.3791, 61.0646,
19.4894

 87.5882, 85.0764,
106.4127

■ 34.3008, 59.5739,
15.0012

■ 31.9665, 58.4350,
11.9770

■ 30.3080, 57.6169,
10.2332

■ 29.2995, 57.1126,
9.4796

Harmonies

Analogous

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



63.5295, 71.0474, 46.8734



58.2262, 71.0474, 54.9006



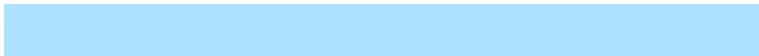
55.4906, 71.0474, 69.8868

Triad

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



58.2262, 71.0474, 54.9006



64.8665, 71.0474, 120.2413



80.7740, 71.0474, 66.2508

Complementary

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



58.2262, 71.0474, 54.9006



60.8325, 54.5432, 82.1883

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.



81.1922, 71.0474, 85.3447



58.2262, 71.0474, 54.9006



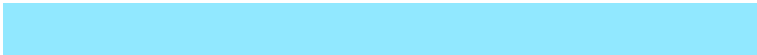
71.6917, 71.0474, 118.8231

Square

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



58.2262, 71.0474, 54.9006



59.1481, 71.0474, 108.8316



77.7721, 71.0474, 105.2321



76.6652, 71.0474, 52.6261

Rectangle

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



58.2262, 71.0474, 54.9006



55.3603, 71.0474, 82.7917



77.7721, 71.0474, 105.2321



81.3605, 71.0474, 72.1685

Sweetspot

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



58.2281, 71.0504, 54.9022



88.2570, 96.7714, 96.2317



66.7779, 71.6003, 54.5577



18.7386, 20.6408, 20.3157



0.0000, 0.0000, 0.0000



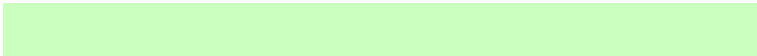
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2281, 71.0504, 54.9022



69.8750, 88.0174, 62.7408



57.5998, 70.5456, 63.0461



14.4402, 16.2185, 15.2739



16.6622, 32.3712, 5.3701



1.3035, 2.4294, 0.4002

Inverse Universe

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



60.8325, 54.5432, 82.1883



73.7143, 63.6541, 103.0090



61.7066, 55.2179, 72.1036



14.7163, 14.4715, 18.1620



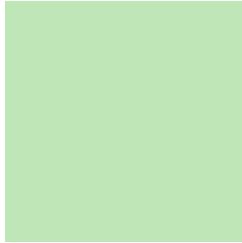
19.7696, 9.2575, 43.1281



1.5296, 0.7195, 3.1902

Previews

White Background



This preview shows how the XYZ color 58.2262, 71.0474, 54.9006 looks on a white background.

Color Contrast Check

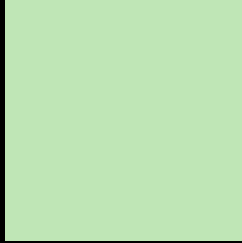
Large Text (above 18pt) WCAG AA × Fail

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 58.2262, 71.0474, 54.9006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

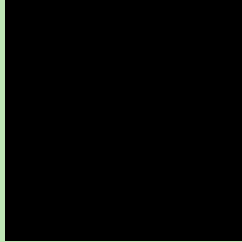
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2262, 71.0474, 54.9006

Background



This preview shows how black text looks on a background with the XYZ color 58.2262, 71.0474, 54.9006.



This preview shows how white text looks on a background with the XYZ color 58.2262, 71.0474,

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

58.2262, 71.0474, 54.9006

Protanopia

66.1866, 70.4332, 51.1809

Deuteranopia

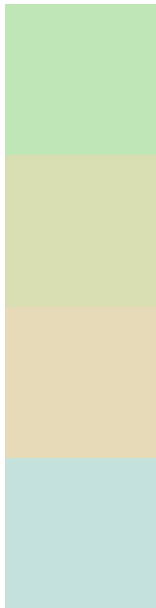
72.3021, 70.8291, 56.3150



Tritanopia

65.6689, 70.8132, 92.6453

Trichromacy



Original Color

58.2262, 71.0474, 54.9006

Protanomaly

62.7724, 70.2086, 52.3626

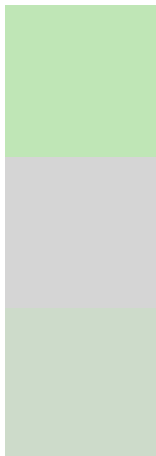
Deuteranomaly

66.4615, 70.4686, 55.9978

Tritanomaly

62.7374, 70.8352, 77.3838

Monochromacy



Original Color

58.2262, 71.0474, 54.9006

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.1690, 67.9064, 65.7604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2262, 71.0474, 54.9006 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(191, 230, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 230, 182)  
}
```

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(191, 230, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 182) }
```

Border

The CSS property to change the border of an element to XYZ 58.2262, 71.0474, 54.9006 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(191, 230, 182) }
```


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

```
.border{ border-color:rgb(191, 230, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 230, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 230, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 230, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 230,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2262, 71.0474, 54.9006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 182) }
```

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

```
.background{ background-color: rgb(191,  
230, 182) }
```

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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