

Converting Colors

XYZ(57.1851, 70.9032, 56.0201)

Have a look what the booklet for
XYZ(57.1851, 70.9032, 56.0201)
contains.

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Color

**XYZ(57.2352, 70.9268,
56.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E7B8
RGB	185, 231, 184
RGB Percent	73%, 91%, 72%
CMY	0.2745, 0.0941, 0.2784
CMYK	0.20, 0.00, 0.20, 0.09
HSL	119°, 49%, 81%
HSV	119°, 20%, 91%
XYZ	57.2352, 70.9268, 56.0210
YIQ	211.8880, -12.3290, -24.3690

Conversions

Conversions Part 2

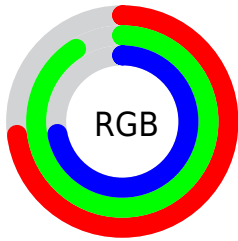
Format	Color
RYB	184, 231, 230
Decimal	12183480
CIELab	87.45, -23.68, 18.10
CIELCh	87, 29.803, 142.603
Yxy	70.9268, 0.3108, 0.3851
Android (android.graphics.Color)	4290373560 (0xFFB9E7B8)
YUV	211.8880, -13.7488, -23.5808
Hunter-Lab	84.2181, -26.0717, 19.5135

Details

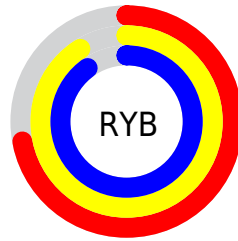
The XYZ color **57.2352, 70.9268, 56.0210** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.2004, 56.8755, 83.1993**, and the grayscale version is **62.6008, 65.8609, 71.7225**.

A 20% lighter version of the original color is **88.1061, 96.6885, 96.4571**, and **28.7868, 37.1239, 27.1211** is the 20% darker color. If you saturate the color by 10%, you get **49.9816, 67.4468, 44.0569**, and if you desaturate by 10%, it is **65.7554, 75.0181, 70.1114**.

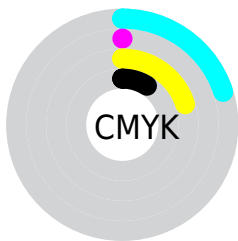
Distribution



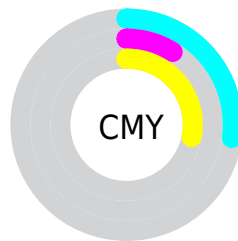
- Red (73%)
- Green (91%)
- Blue (72%)



- Red (72%)
- Yellow (91%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2352, 70.9268, 56.0210 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 57.2352, 70.9268, 56.0210 by changing the saturation by 10% instead.

■ 57.2352, 70.9268,
56.0210

■ 57.2352, 70.9268,
56.0210

404.3300,
463.7975, 427.1612

■ 41.4350, 52.2825,
39.8157

■ 99.9377, 120.5295,
100.5214

■ 28.8483, 37.2303,
27.0821

127.5706,
152.2566, 129.6535

■ 19.1098, 25.3858,
17.4019

159.8786,
189.1135, 163.9316

■ 11.8541, 16.3647,
10.3565

197.2268,
231.4845, 203.7743

■ 6.7159, 9.7826,
5.5273

239.9807,
279.7540, 249.6000

■ 3.3298, 5.2551,
2.4957


288.5056,


■ 1.3305, 2.3977,


334.3064, 301.8274


0.8379


343.1669,
395.5261, 360.8749

 0.2059, 0.8247,
0.0000


 0.0000, 0.0000,
0.0000


 57.2352, 70.9268,
56.0210


 57.2352, 70.9268,
56.0210


 49.9816, 67.4468,
44.0569


 65.7554, 75.0181,
70.1114

 43.9289, 64.5404,
34.1115

 75.5925, 79.7386,
86.4193

 39.0140, 62.1794,
26.0750

 86.8012, 85.1165,
105.0363

 35.1657, 60.3299,
19.8252

 87.8673, 85.6346,
106.5058

■ 32.3051, 58.9540,
15.2257

■ 30.3420, 58.0087,
12.1207

■ 29.1700, 57.4431,
10.3245

■ 28.6388, 57.1863,
9.5286

Harmonies

Analogous

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



62.3509, 70.9268, 46.7178



57.2352, 70.9268, 56.0210



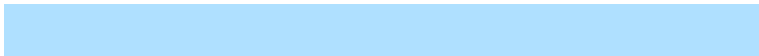
54.8779, 70.9268, 72.3496

Triad

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



57.2352, 70.9268, 56.0210



65.6884, 70.9268, 122.3302



80.6787, 70.9268, 63.2836

Complementary

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



57.2352, 70.9268, 56.0210



64.2004, 56.8755, 83.1993

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.



81.7267, 70.9268, 82.3193



57.2352, 70.9268, 56.0210



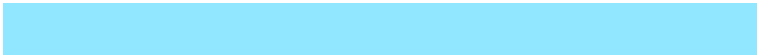
72.7436, 70.9268, 118.7628

Square

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



57.2352, 70.9268, 56.0210



59.5330, 70.9268, 112.2453



78.7328, 70.9268, 103.2054



75.9611, 70.9268, 50.3743

Rectangle

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



57.2352, 70.9268, 56.0210



55.0639, 70.9268, 85.9856



78.7328, 70.9268, 103.2054



81.4845, 70.9268, 69.0847

Sweetspot

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



57.2371, 70.9298, 56.0226



87.3874, 96.3231, 96.1910



69.7493, 76.7320, 56.4830



18.5339, 20.5353, 20.3061



0.0000, 0.0000, 0.0000



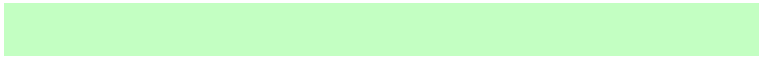
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2371, 70.9298, 56.0226



68.0069, 87.0216, 64.1338



59.4778, 71.7984, 69.0759



14.2175, 16.1037, 15.2634



16.0676, 32.0646, 5.3422



1.1974, 2.3746, 0.3952

Inverse Universe

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



64.2004, 56.8755, 83.1993



78.0603, 66.7287, 103.3734



61.6148, 55.8785, 67.9054



14.9632, 14.5988, 18.1735



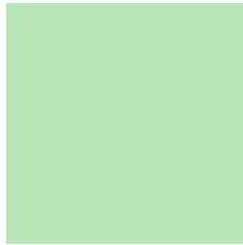
25.6993, 12.3144, 43.4056



1.9088, 0.9150, 3.2080

Previews

White Background



This preview shows how the XYZ color 57.2352, 70.9268, 56.0210 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 57.2352, 70.9268, 56.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

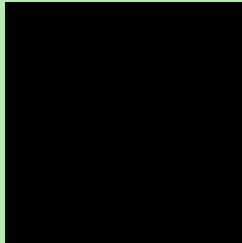
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2352, 70.9268, 56.0210

Background



This preview shows how black text looks on a background with the XYZ color 57.2352, 70.9268, 56.0210.

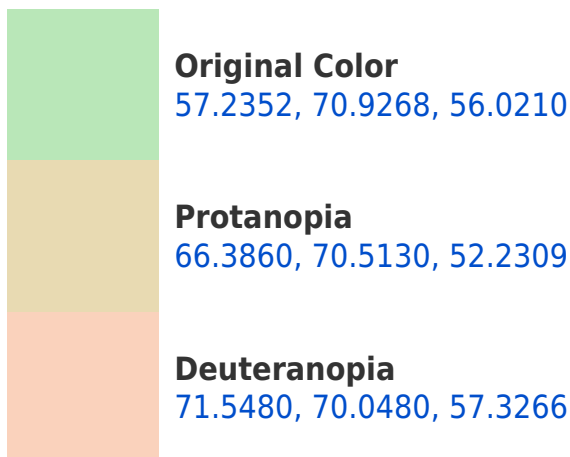


This preview shows how white text looks on a background with the XYZ color 57.2352, 70.9268,

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





Tritanopia

64.7705, 70.7283, 93.4572

Trichromacy



Original Color

57.2352, 70.9268, 56.0210

Protanomaly

62.6502, 70.5177, 53.4893

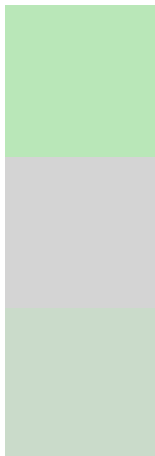
Deuteranomaly

65.4051, 69.8994, 57.0584

Tritanomaly

61.6005, 70.6364, 78.0976

Monochromacy



Original Color

57.2352, 70.9268, 56.0210

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.3493, 67.4839, 65.7221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2352, 70.9268, 56.0210 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(185, 231, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 231, 184)  
}
```

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(185, 231, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 231, 184) }
```

Border

The CSS property to change the border of an element to XYZ 57.2352, 70.9268, 56.0210 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(185, 231, 184) }
```


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

```
.border{ border-color:rgb(185, 231, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 231, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 231, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 231, 184); box-shadow:4px 4px 4px 4px rgb(185, 231, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2352, 70.9268, 56.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 231, 184) }
```

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

```
.background{ background-color: rgb(185,  
231, 184) }
```

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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