

Converting Colors

XYZ(54.8262, 71.7906, 52.0226)

Have a look what the booklet for
XYZ(54.8262, 71.7906, 52.0226)
contains.

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Color

**XYZ(54.8452, 71.8962,
52.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	ACECB0
RGB	172, 236, 176
RGB Percent	67%, 93%, 69%
CMY	0.3255, 0.0745, 0.3098
CMYK	0.27, 0.00, 0.25, 0.07
HSL	124°, 63%, 80%
HSV	124°, 27%, 93%
XYZ	54.8452, 71.8962, 52.0610
YIQ	210.0240, -18.8840, -32.2280

Conversions

Conversions Part 2

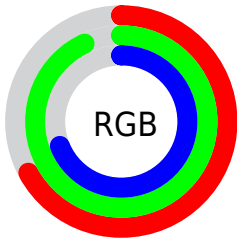
Format	Color
RYB	172, 232, 236
Decimal	11332784
CIELab	87.92, -31.66, 22.78
CIElCh	88, 39.002, 144.266
Yxy	71.8962, 0.3067, 0.4021
Android (android.graphics.Color)	4289522864 (0xFFACECB0)
YUV	210.0240, -16.7738, -33.3470
Hunter-Lab	84.7916, -32.9274, 22.9508

Details

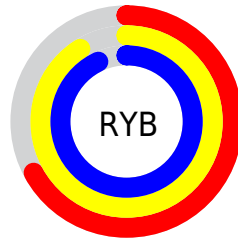
The XYZ color **54.8452, 71.8962, 52.0610** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.9125, 53.1657, 83.2404**, and the grayscale version is **61.3914, 64.5886, 70.3370**.

A 20% lighter version of the original color is **82.6386, 94.0042, 90.1330**, and **27.3676, 37.9241, 24.6166** is the 20% darker color. If you saturate the color by 10%, you get **48.1047, 68.6561, 41.2347**, and if you desaturate by 10%, it is **62.8661, 75.7593, 64.8127**.

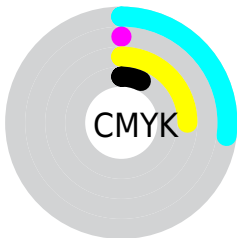
Distribution



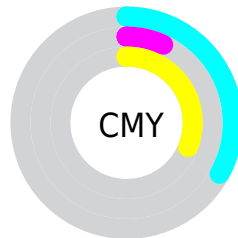
- Red (67%)
- Green (93%)
- Blue (69%)



- Red (67%)
- Yellow (91%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8452, 71.8962, 52.0610 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 54.8452, 71.8962, 52.0610 by changing the saturation by 10% instead.


 54.8452, 71.8962,
52.0610

 54.8452, 71.8962,
52.0610

395.4708,
467.1802, 411.6357

 39.5111, 53.0739,
36.6711


 96.4638, 121.9089,
94.6487

 27.3401, 37.8618,
24.6592


123.4790,
153.8682, 122.6836

 17.9667, 25.8754,
15.6066


155.1186,
190.9751, 155.7706

 11.0256, 16.7305,
9.0949

191.7481,
233.6143, 194.3282

 6.1515, 10.0425,
4.7055

233.7327,
282.1700, 238.7750

 2.9790, 5.4271,
2.0198

281.4377,

 1.1426, 2.5000,

337.0266, 289.5294

0.5674

335.2287,
398.5685, 347.0102

■ 0.0603, 0.8766,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8452, 71.8962,
52.0610

■ 54.8452, 71.8962,
52.0610

■ 48.1047, 68.6561,
41.2347

■ 62.8661, 75.7593,
64.8127

■ 42.5731, 65.9979,
32.2358

■ 72.2229, 80.2659,
79.5720

■ 38.1803, 63.8897,
24.9651

■ 82.9748, 85.4469,
96.4218

■ 34.8469, 62.2929,
19.3117

■ 89.2869, 88.4738,
106.9790

■ 32.4832, 61.1640,
15.1521

■ 30.9847, 60.4521,
12.3451

■ 30.2185, 60.0922,
10.7219

■ 30.0814, 60.0276,
10.4438

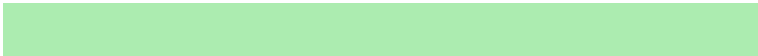
Harmonies

Analogous

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



61.2584, 71.8962, 40.3141



54.8452, 71.8962, 52.0610



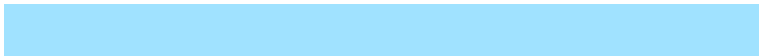
52.0683, 71.8962, 73.2856

Triad

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



54.8452, 71.8962, 52.0610



66.5673, 71.8962, 140.9626



85.9345, 71.8962, 59.0960

Complementary

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



54.8452, 71.8962, 52.0610



63.9125, 53.1657, 83.2404

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.



87.6797, 71.8962, 83.5020



54.8452, 71.8962, 52.0610



75.9370, 71.8962, 134.7492

Square

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



54.8452, 71.8962, 52.0610



58.4313, 71.8962, 127.5459



83.8735, 71.8962, 112.0959



79.2994, 71.8962, 43.6854

Rectangle

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



54.8452, 71.8962, 52.0610



52.4540, 71.8962, 91.5688



83.8735, 71.8962, 112.0959



87.1362, 71.8962, 66.3483

Sweetspot

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



54.8471, 71.8992, 52.0626



85.0112, 95.1630, 93.1496



70.9840, 80.2632, 50.7814



17.8176, 20.1866, 19.3425



0.0000, 0.0000, 0.0000



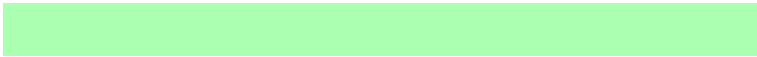
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8471, 71.8992, 52.0626



60.3693, 83.3000, 54.0282



58.2978, 73.2795, 70.2336



14.9065, 16.8774, 16.1905



16.5963, 33.0930, 5.8392



1.3167, 2.6040, 0.5293

Inverse Universe

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



63.9125, 53.1657, 83.2404



72.9891, 57.2150, 97.4253



59.8659, 51.5470, 61.9311



15.6718, 15.2966, 18.8229



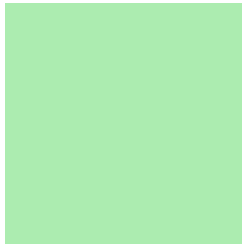
26.2982, 12.7220, 38.9672



2.0774, 1.0039, 3.1249

Previews

White Background



This preview shows how the XYZ color 54.8452, 71.8962, 52.0610 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 54.8452, 71.8962, 52.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

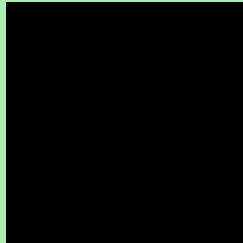
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8452, 71.8962, 52.0610

Background



This preview shows how black text looks on a background with the XYZ color 54.8452, 71.8962, 52.0610.



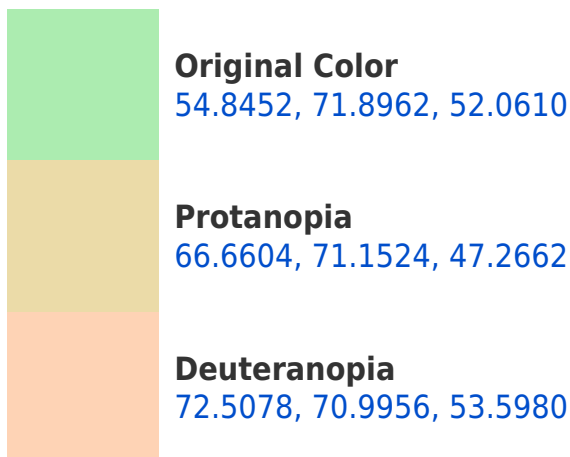
This preview shows how white text looks on a background with the XYZ color 54.8452, 71.8962,

52.0610.

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

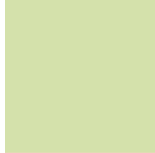
63.9581, 71.8450, 96.8827

Trichromacy



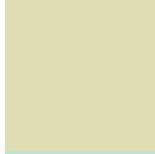
Original Color

54.8452, 71.8962, 52.0610



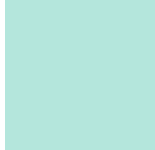
Protanomaly

61.4273, 70.7878, 48.9539



Deuteranomaly

64.4704, 70.2884, 52.8169



Tritanomaly

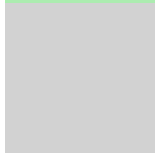
60.0375, 71.4642, 78.3398

Monochromacy



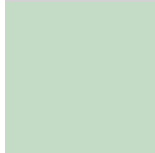
Original Color

54.8452, 71.8962, 52.0610



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.2895, 66.4760, 63.1850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8452, 71.8962, 52.0610 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(172, 236, 176)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 176)  
}
```

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(172, 236, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 176) }
```

Border

The CSS property to change the border of an element to XYZ 54.8452, 71.8962, 52.0610 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(172, 236, 176) }
```


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

```
.border{ border-color:rgb(172, 236, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 176);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8452, 71.8962, 52.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 176) }
```

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

```
.background{ background-color: rgb(172,  
236, 176) }
```

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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