

Converting Colors

XYZ(55.6801, 69.4855, 52.8242)

Have a look what the booklet for
XYZ(55.6801, 69.4855, 52.8242)
contains.

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Color

**XYZ(55.5836, 69.3203,
52.5701)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E5B2
RGB	183, 229, 178
RGB Percent	72%, 90%, 70%
CMY	0.2823, 0.1019, 0.3020
CMYK	0.20, 0.00, 0.22, 0.10
HSL	114°, 50%, 80%
HSV	114°, 22%, 90%
XYZ	55.5836, 69.3203, 52.5701
YIQ	209.4320, -11.0450, -25.6130

Conversions

Conversions Part 2

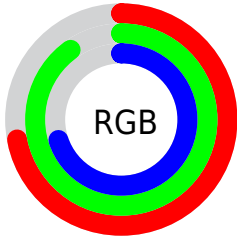
Format	Color
RYB	178, 229, 224
Decimal	12051890
CIELab	86.66, -24.39, 20.10
CIELCh	87, 31.604, 140.497
Yxy	69.3203, 0.3132, 0.3906
Android (android.graphics.Color)	4290241970 (0xFFB7E5B2)
YUV	209.4320, -15.4960, -23.1809
Hunter-Lab	83.2588, -26.5363, 20.8451

Details

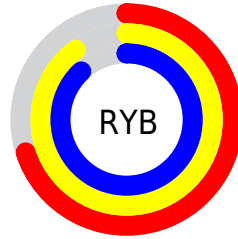
The XYZ color **55.5836, 69.3203, 52.5701** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.8068, 53.3473, 81.2247**, and the grayscale version is **60.9913, 64.1676, 69.8786**.

A 20% lighter version of the original color is **86.5465, 95.9858, 91.8075**, and **27.6985, 36.0349, 24.8976** is the 20% darker color. If you saturate the color by 10%, you get **48.9161, 66.1290, 41.2411**, and if you desaturate by 10%, it is **63.3598, 73.0428, 65.9575**.

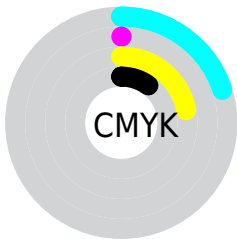
Distribution



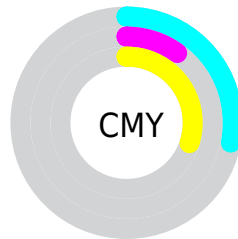
- Red (72%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5836, 69.3203, 52.5701 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 55.5836, 69.3203, 52.5701 by changing the saturation by 10% instead.

■ 55.5836, 69.3203,
52.5701

■ 55.5836, 69.3203,
52.5701

398.2209,
458.1598, 413.6530

■ 40.1049, 50.9726,
37.0743

■ 97.5388, 118.2389,
95.4066

■ 27.8049, 36.1868,
24.9688

124.7460,
149.5787, 123.5844

■ 18.3183, 24.5785,
15.8350

156.5935,
186.0179, 156.8266

■ 11.2798, 15.7633,
9.2544

193.4464,
227.9410, 195.5518

■ 6.3241, 9.3568,
4.8084

235.6703,
275.7323, 240.1785

■ 3.0856, 4.9746,
2.0785


283.6304,

■ 1.1992, 2.2324,

329.7763, 291.1252


0.6029


337.6922,
390.4574, 348.8106


 0.1057, 0.7376,
0.0000


 0.0000, 0.0000,
0.0000


 55.5836, 69.3203,
52.5701


 55.5836, 69.3203,
52.5701


 48.9161, 66.1290,
41.2411


 63.3598, 73.0428,
65.9575


 43.3013, 63.4362,
31.8642

 72.2861, 77.3099,
81.4935

 38.6870, 61.2194,
24.3305

 82.4089, 82.1455,
99.2683

 35.0139, 59.4506,
18.5185

 87.3107, 84.5214,
106.3202

■ 32.2167, 58.0993,
14.2924

■ 30.2214, 57.1305,
11.4958

■ 28.9419, 56.5040,
9.9404

■ 28.3615, 56.2171,
9.3562

Harmonies

Analogous

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



61.0663, 69.3203, 43.5882



55.5836, 69.3203, 52.5701



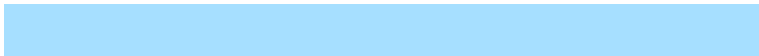
52.9213, 69.3203, 68.9977

Triad

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



55.5836, 69.3203, 52.5701



63.5835, 69.3203, 122.7874



80.0145, 69.3203, 62.1880

Complementary

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



55.5836, 69.3203, 52.5701



60.8068, 53.3473, 81.2247

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.



80.8139, 69.3203, 82.3519



55.5836, 69.3203, 52.5701



70.9546, 69.3203, 120.0353

Square

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



55.5836, 69.3203, 52.5701



57.3085, 69.3203, 111.1684



77.3906, 69.3203, 104.2282



75.2812, 69.3203, 48.3831

Rectangle

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



55.5836, 69.3203, 52.5701



52.9581, 69.3203, 83.0857



77.3906, 69.3203, 104.2282



80.7652, 69.3203, 68.3495

Sweetspot

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



55.5854, 69.3233, 52.5716



86.6307, 95.9764, 94.1951



66.9809, 73.1334, 52.7065



18.3946, 20.4722, 19.9043



0.0000, 0.0000, 0.0000



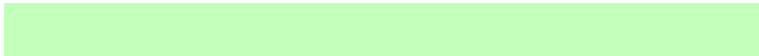
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5854, 69.3233, 52.5716



66.6052, 86.3956, 59.7036



56.6209, 69.6025, 64.1207



14.3197, 16.1564, 15.2682



16.2602, 32.1639, 5.3513



1.2464, 2.3999, 0.3975

Inverse Universe

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



60.8068, 53.3473, 81.2247



74.4414, 62.4036, 102.7294



59.6952, 53.0843, 67.1648



14.8486, 14.5397, 18.1682



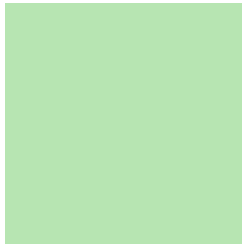
22.7852, 10.8121, 43.2692



1.7243, 0.8199, 3.1993

Previews

White Background



This preview shows how the XYZ color 55.5836, 69.3203, 52.5701 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 55.5836, 69.3203, 52.5701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

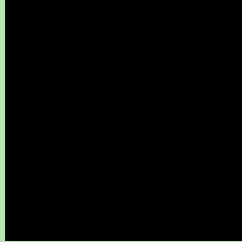
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

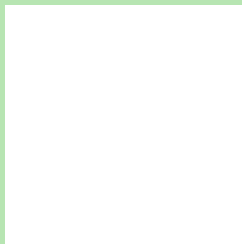
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5836, 69.3203, 52.5701

Background



This preview shows how black text looks on a background with the XYZ color 55.5836, 69.3203, 52.5701.

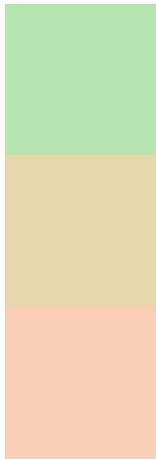


This preview shows how white text looks on a background with the XYZ color 55.5836, 69.3203,

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

55.5836, 69.3203, 52.5701

Protanopia

64.6354, 68.9133, 48.9247

Deuteranopia

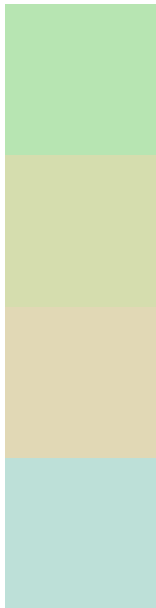
70.0663, 68.6289, 53.8098



Tritanopia

63.2814, 69.2234, 90.9151

Trichromacy



Original Color

55.5836, 69.3203, 52.5701

Protanomaly

60.9370, 68.9150, 50.1346

Deuteranomaly

63.9477, 68.4555, 53.5589

Tritanomaly

60.0366, 69.0880, 75.1368

Monochromacy



Original Color

55.5836, 69.3203, 52.5701

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.5683, 65.4683, 62.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5836, 69.3203, 52.5701 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(183, 229, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 229, 178)  
}
```

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(183, 229, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 229, 178) }
```

Border

The CSS property to change the border of an element to XYZ 55.5836, 69.3203, 52.5701 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(183, 229, 178) }
```


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

```
.border{ border-color:rgb(183, 229, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 229, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 229, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 229, 178);  
box-shadow:4px 4px 4px 4px rgb(183, 229,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5836, 69.3203, 52.5701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 229, 178) }
```

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

```
.background{ background-color: rgb(183,  
229, 178) }
```

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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