

Converting Colors

XYZ(55.2236, 70.4634, 54.7027)

Have a look what the booklet for
XYZ(55.2236, 70.4634, 54.7027)
contains.

XYZ(55.2046, 70.3207, 54.9196)	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(55.2046, 70.3207,
54.9196)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E8B6
RGB	176, 232, 182
RGB Percent	69%, 91%, 71%
CMY	0.3098, 0.0902, 0.2863
CMYK	0.24, 0.00, 0.22, 0.09
HSL	126°, 55%, 80%
HSV	126°, 24%, 91%
XYZ	55.2046, 70.3207, 54.9196
YIQ	209.5560, -17.3260, -27.4220

Conversions

Conversions Part 2

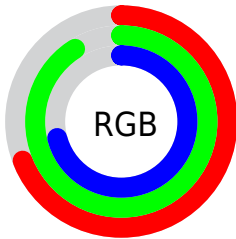
Format	Color
RYB	176, 227, 232
Decimal	11593910
CIELab	87.15, -27.46, 18.65
CIELCh	87, 33.191, 145.816
Yxy	70.3207, 0.3059, 0.3897
Android (android.graphics.Color)	4289783990 (0xFFB0E8B6)
YUV	209.5560, -13.5851, -29.4286
Hunter-Lab	83.8574, -29.2413, 19.8702

Details

The XYZ color **55.2046, 70.3207, 54.9196** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.5339, 53.6990, 79.0236**, and the grayscale version is **61.0634, 64.2434, 69.9611**.

A 20% lighter version of the original color is **84.4713, 94.8489, 94.7445**, and **27.5138, 36.7732, 26.4167** is the 20% darker color. If you saturate the color by 10%, you get **48.4157, 67.0522, 44.2418**, and if you desaturate by 10%, it is **63.2105, 74.1840, 67.3104**.

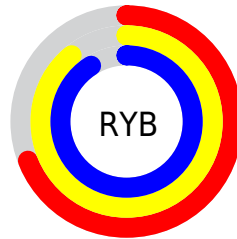
Distribution



Red (69%)

Green (91%)

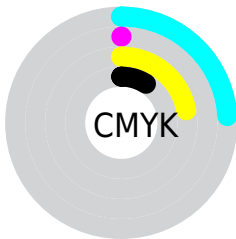
Blue (71%)



Red (69%)

Yellow (89%)

Blue (91%)

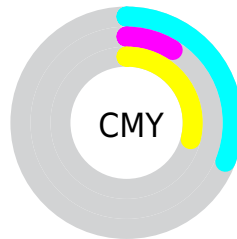


Cyan (24%)

Magenta (0%)

Yellow (22%)

Black (9%)



Cyan (31%)

Magenta (9%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2046, 70.3207, 54.9196 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 55.2046, 70.3207, 54.9196 by changing the saturation by 10% instead.

■ 55.2046, 70.3207,
54.9196

■ 55.2046, 70.3207,
54.9196

396.8108,
461.6752, 422.8804

■ 39.8000, 51.7880,
38.9392

■ 96.9872, 119.6660,
98.8931

■ 27.5662, 36.8361,
26.4050

124.0960,
151.2474, 127.7233

■ 18.1377, 25.0806,
16.8984

155.8369,
187.9471, 161.6738

■ 11.1492, 16.1372,
10.0009

192.5753,
230.1497, 201.1632

■ 6.2353, 9.6213,
5.2939

234.6766,
278.2393, 246.6101

■ 3.0307, 5.1486,
2.3590


282.5060,

■ 1.1700, 2.3347,

332.6006, 298.4328

0.7640

336.4290,
393.6177, 357.0501


 0.0825, 0.7920,
0.0000

 0.0000, 0.0000,
0.0000

 55.2046, 70.3207,
54.9196


 55.2046, 70.3207,
54.9196


 48.4157, 67.0522,
44.2418


 63.2105, 74.1840,
67.3104


 42.7787, 64.3406,
35.1972

 72.4831, 78.6601,
81.4799

 38.2310, 62.1573,
27.7067

 83.0761, 83.7775,
97.4962

 34.7019, 60.4676,
21.6828

 88.1480, 86.1959,
106.5993

■ 32.1120, 59.2328,
17.0292

■ 30.3702, 58.4081,
13.6382

■ 29.3668, 57.9397,
11.3859

■ 29.0319, 57.7855,
10.5353

Harmonies

Analogous

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



60.5291, 70.3207, 44.0984



55.2046, 70.3207, 54.9196



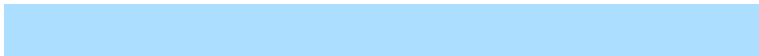
52.9935, 70.3207, 73.4822

Triad

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



55.2046, 70.3207, 54.9196



65.7516, 70.3207, 127.7707



81.2374, 70.3207, 59.3755

Complementary

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



55.2046, 70.3207, 54.9196



62.5339, 53.6990, 79.0236

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.



82.9046, 70.3207, 79.7375



55.2046, 70.3207, 54.9196



73.5702, 70.3207, 122.0015

Square

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



55.2046, 70.3207, 54.9196



58.7758, 70.3207, 117.7845



80.0000, 70.3207, 103.2657



75.6051, 70.3207, 46.2989

Rectangle

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



55.2046, 70.3207, 54.9196



53.4461, 70.3207, 88.8550



80.0000, 70.3207, 103.2657



82.2980, 70.3207, 65.4681

Sweetspot

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



55.2065, 70.3237, 54.9212



86.3244, 95.7860, 95.6486



68.1856, 77.0848, 52.3601



18.3240, 20.4283, 20.2395



0.0000, 0.0000, 0.0000



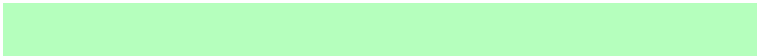
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2065, 70.3237, 54.9212



64.0102, 85.0228, 61.1663



58.3463, 71.5796, 71.4551



14.2518, 16.1141, 15.5907



16.1387, 32.0876, 5.9647



1.2138, 2.3796, 0.5523

Inverse Universe

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



62.5339, 53.6990, 79.0236



74.5744, 61.0482, 95.9106



59.0454, 52.3037, 60.6536



14.9251, 14.5872, 17.8058



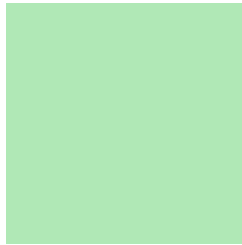
24.7656, 12.0405, 33.9903



1.8493, 0.8974, 2.6128

Previews

White Background



This preview shows how the XYZ color 55.2046, 70.3207, 54.9196 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 55.2046, 70.3207, 54.9196 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 55.2046, 70.3207, 54.9196

Background



This preview shows how black text looks on a background with the XYZ color 55.2046, 70.3207, 54.9196.

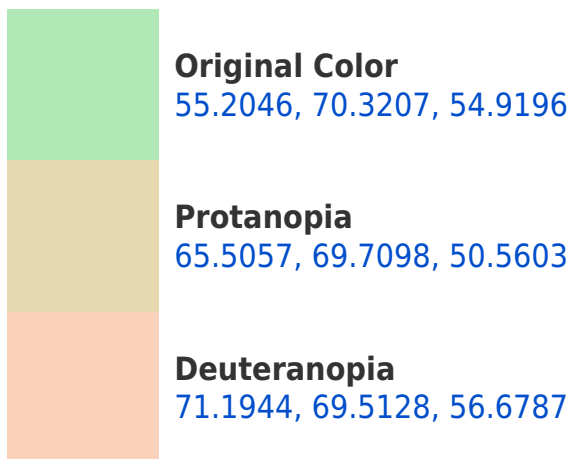


This preview shows how white text looks on a background with the XYZ color 55.2046, 70.3207,

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

63.1762, 70.2869, 94.2414

Trichromacy



Original Color

55.2046, 70.3207, 54.9196

Protanomaly

61.0211, 69.3058, 52.2807

Deuteranomaly

64.0012, 68.8165, 55.8086

Tritanomaly

59.9158, 70.1728, 78.0969

Monochromacy



Original Color

55.2046, 70.3207, 54.9196

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

58.7854, 66.3187, 64.3460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2046, 70.3207, 54.9196 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(176, 232, 182)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 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(176, 232, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.2046, 70.3207, 54.9196 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(176, 232, 182) }
```


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

```
.border{ border-color:rgb(176, 232, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 232, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 232, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 232, 182); box-shadow:4px 4px 4px 4px rgb(176, 232, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2046, 70.3207, 54.9196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 182) }
```

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

```
.background{ background-color: rgb(176,  
232, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor