

Converting Colors

XYZ(54.9789, 71.7958, 52.8614)

Have a look what the booklet for
XYZ(54.9789, 71.7958, 52.8614)
contains.

XYZ(55.0446, 71.9759, 53.1111)	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(55.0446, 71.9759,
53.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	ACECB2
RGB	172, 236, 178
RGB Percent	67%, 93%, 70%
CMY	0.3255, 0.0745, 0.3020
CMYK	0.27, 0.00, 0.25, 0.07
HSL	126°, 63%, 80%
HSV	126°, 27%, 93%
XYZ	55.0446, 71.9759, 53.1111
YIQ	210.2520, -19.5260, -31.6060

Conversions

Conversions Part 2

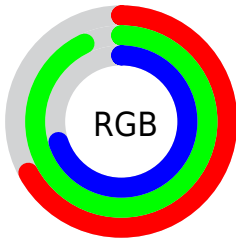
Format	Color
RYB	172, 231, 236
Decimal	11332786
CIELab	87.96, -31.32, 21.80
CIELCh	88, 38.161, 145.162
Yxy	71.9759, 0.3056, 0.3996
Android (android.graphics.Color)	4289522866 (0xFFACECB2)
YUV	210.2520, -15.9002, -33.5470
Hunter-Lab	84.8386, -32.6540, 22.2700

Details

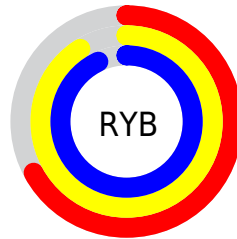
The XYZ color **55.0446, 71.9759, 53.1111** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.6299, 53.0527, 81.7524**, and the grayscale version is **61.5361, 64.7408, 70.5027**.

A 20% lighter version of the original color is **82.9244, 94.1185, 91.6380**, and **27.4941, 37.9747, 25.2828** is the 20% darker color. If you saturate the color by 10%, you get **48.3352, 68.7482, 42.4482**, and if you desaturate by 10%, it is **63.0125, 75.8178, 65.5837**.

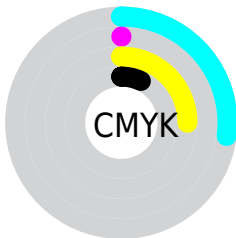
Distribution



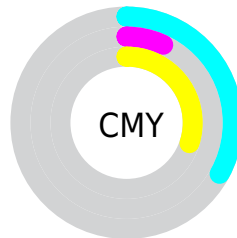
- Red (67%)
- Green (93%)
- Blue (70%)



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



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



- Cyan (33%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0446, 71.9759, 53.1111 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 55.0446, 71.9759, 53.1111 by changing the saturation by 10% instead.

■ 55.0446, 71.9759,
53.1111

■ 55.0446, 71.9759,
53.1111

396.2146,
467.4577, 415.7896

■ 39.6714, 53.1390,
37.5031

■ 96.7542, 122.0223,
96.2110

■ 27.4655, 37.9137,
25.2985

123.8214,
154.0005, 124.5401

■ 18.0615, 25.9157,
16.0785

155.5173,
191.1280, 157.9466

■ 11.0941, 16.7606,
9.4248

192.2072,
233.7891, 196.8491

■ 6.1979, 10.0640,
4.9187

234.2565,
282.3682, 241.6661

■ 3.0076, 5.4414,
2.1417

282.0307,

■ 1.1578, 2.5085,

337.2498, 292.8161

0.6404

335.8949,
398.8181, 350.7178

■ 0.0726, 0.8809,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0446, 71.9759,
53.1111

■ 55.0446, 71.9759,
53.1111

■ 48.3352, 68.7482,
42.4482

■ 63.0125, 75.8178,
65.5837

■ 42.8143, 66.0943,
33.5064

■ 72.2927, 80.2938,
79.9394

■ 38.4142, 63.9832,
26.1969

■ 82.9428, 85.4341,
96.2536

■ 35.0576, 62.3771,
20.4212

■ 89.2868, 88.4737,
106.9789

■ 32.6575, 61.2337,
16.0700

■ 31.1127, 60.5032,
13.0195

■ 30.2950, 60.1228,
11.1249

■ 30.1429, 60.0521,
10.7680

Harmonies

Analogous

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



61.2453, 71.9759, 41.2327



55.0446, 71.9759, 53.1111



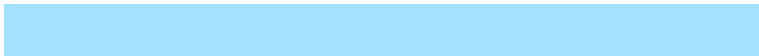
52.4310, 71.9759, 74.2231

Triad

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



55.0446, 71.9759, 53.1111



66.9474, 71.9759, 139.5780



85.4815, 71.9759, 58.9550

Complementary

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



55.0446, 71.9759, 53.1111



63.6299, 53.0527, 81.7524

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.



87.3468, 71.9759, 82.6675



55.0446, 71.9759, 53.1111



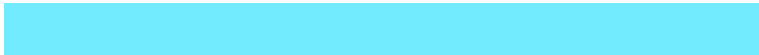
76.1147, 71.9759, 132.9681

Square

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



55.0446, 71.9759, 53.1111



58.9041, 71.9759, 127.0524



83.7828, 71.9759, 110.5838



78.8892, 71.9759, 44.0458

Rectangle

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



55.0446, 71.9759, 53.1111



52.8897, 71.9759, 92.2044



83.7828, 71.9759, 110.5838



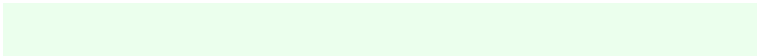
86.7056, 71.9759, 65.9928

Sweetspot

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



55.0465, 71.9789, 53.1127



85.1040, 95.2001, 93.6380



70.2923, 79.9066, 50.7491



17.8407, 20.1958, 19.4642



0.0000, 0.0000, 0.0000



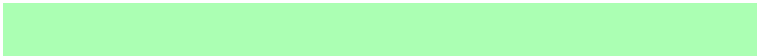
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0465, 71.9789, 53.1127



60.6323, 83.4052, 55.4131



58.5608, 73.3846, 71.6186



14.9257, 16.8851, 16.2915



16.6350, 33.1085, 6.0431



1.3258, 2.6076, 0.5776

Inverse Universe

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



63.6299, 53.0527, 81.7524



72.5801, 57.0514, 95.2716



59.6169, 51.4474, 60.6200



15.6504, 15.2880, 18.7101



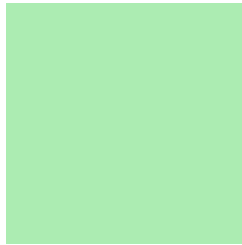
25.7754, 12.5129, 36.2143



2.0418, 0.9897, 2.9373

Previews

White Background



This preview shows how the XYZ color 55.0446, 71.9759, 53.1111 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 55.0446, 71.9759, 53.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

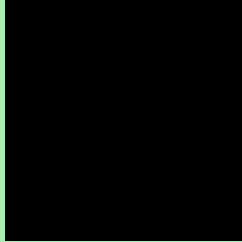
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0446, 71.9759, 53.1111

Background



This preview shows how black text looks on a background with the XYZ color 55.0446, 71.9759, 53.1111.



This preview shows how white text looks on a background with the XYZ color 55.0446, 71.9759,

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

55.0446, 71.9759, 53.1111

Protanopia

66.5189, 71.0577, 48.2398

Deuteranopia

72.7146, 71.0783, 54.6868



Tritanopia

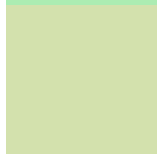
63.7177, 71.7211, 96.8715

Trichromacy



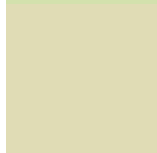
Original Color

55.0446, 71.9759, 53.1111



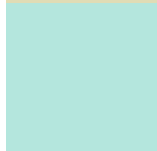
Protanomaly

61.3320, 70.7164, 49.9523



Deuteranomaly

64.6742, 70.3699, 53.8901



Tritanomaly

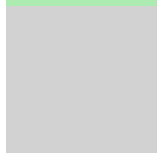
60.1704, 71.5174, 79.0395

Monochromacy



Original Color

55.0446, 71.9759, 53.1111



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 55.0446, 71.9759, 53.1111 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 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(172, 236, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 178) }
```

Border

The CSS property to change the border of an element to XYZ 55.0446, 71.9759, 53.1111 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, 178) }
```


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

```
.border{ border-color:rgb(172, 236, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 178);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0446, 71.9759, 53.1111 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, 178) }
```

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

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