

Converting Colors

XYZ(53.4877, 69.5057, 51.6711)

Have a look what the booklet for
XYZ(53.4877, 69.5057, 51.6711)
contains.

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Color

**XYZ(53.4877, 69.5057,
51.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE8B0
RGB	171, 232, 176
RGB Percent	67%, 91%, 69%
CMY	0.3294, 0.0902, 0.3098
CMYK	0.26, 0.00, 0.24, 0.09
HSL	125°, 57%, 79%
HSV	125°, 26%, 91%
XYZ	53.4877, 69.5057, 51.6711
YIQ	207.3770, -18.3800, -30.3480

Conversions

Conversions Part 2

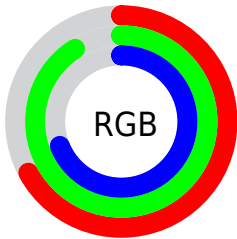
Format	Color
RYB	171, 227, 232
Decimal	11266224
CIELab	86.75, -30.10, 21.16
CIELCh	87, 36.796, 144.894
Yxy	69.5057, 0.3062, 0.3979
Android (android.graphics.Color)	4289456304 (0xFFABE8B0)
YUV	207.3770, -15.4689, -31.9026
Hunter-Lab	83.3701, -31.3775, 21.6123

Details

The XYZ color **53.4877, 69.5057, 51.6711** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.7092, 51.8293, 79.4278**, and the grayscale version is **59.6580, 62.7649, 68.3510**.

A 20% lighter version of the original color is **82.0040, 93.6771, 90.1033**, and **26.4366, 36.2626, 24.3449** is the 20% darker color. If you saturate the color by 10%, you get **46.9262, 66.3498, 41.2134**, and if you desaturate by 10%, it is **61.2705, 73.2570, 63.9149**.

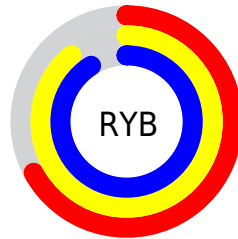
Distribution



Red (67%)

Green (91%)

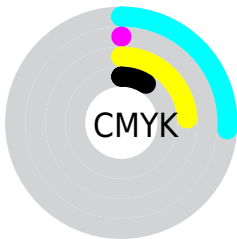
Blue (69%)



Red (67%)

Yellow (89%)

Blue (91%)

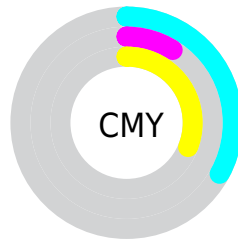


Cyan (26%)

Magenta (0%)

Yellow (24%)

Black (9%)



Cyan (33%)


Magenta (9%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4877, 69.5057, 51.6711 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 53.4877, 69.5057, 51.6711 by changing the saturation by 10% instead.


 53.4877, 69.5057,
51.6711

 53.4877, 69.5057,
51.6711


390.3837,
458.8125, 410.0863

 38.4213, 51.1237,
36.3625


 94.4829, 118.5036,
94.0676

 26.4885, 36.3070,
24.4224

121.1425,
149.8882, 121.9927

 17.3241, 24.6714,
15.4322


152.3971,
186.3758, 154.9604

 10.5625, 15.8324,
8.9733

188.6121,
228.3508, 193.3891

 5.8386, 9.4056,
4.6272

230.1529,
276.1976, 237.6976

 2.7869, 5.0067,
1.9753

277.3849,

 1.0421, 2.2512,

330.3005, 288.3042

0.5401

330.6734,
391.0440, 345.6276

0.0000, 0.7477,
0.0000

0.0000, 0.0000,
0.0000

53.4877, 69.5057,
51.6711

53.4877, 69.5057,
51.6711

46.9262, 66.3498,
41.2134

61.2705, 73.2570,
63.9149

41.5188, 63.7505,
32.4539

70.3265, 77.6227,
78.0178

37.2002, 61.6779,
25.3045

80.7112, 82.6321,
94.0545

33.8962, 60.0960,
19.6671

88.1479, 86.1959,
106.5993

■ 31.5235, 58.9641,
15.4331

■ 29.9852, 58.2349,
12.4791

■ 29.1624, 57.8501,
10.6607

■ 28.9756, 57.7629,
10.2391

Harmonies

Analogous

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



59.3717, 69.5057, 40.4580



53.4877, 69.5057, 51.6711



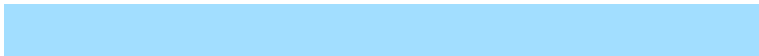
50.9827, 69.5057, 71.5599

Triad

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



53.4877, 69.5057, 51.6711



64.6084, 69.5057, 133.0352



82.1526, 69.5057, 57.5152

Complementary

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



53.4877, 69.5057, 51.6711



61.7092, 51.8293, 79.4278

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.



83.8577, 69.5057, 79.9550



53.4877, 69.5057, 51.6711



73.2392, 69.5057, 127.0194

Square

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



53.4877, 69.5057, 51.6711



57.0391, 69.5057, 121.1836



80.4695, 69.5057, 106.1672



75.9919, 69.5057, 43.2860

Rectangle

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



53.4877, 69.5057, 51.6711



51.3942, 69.5057, 88.4587



80.4695, 69.5057, 106.1672



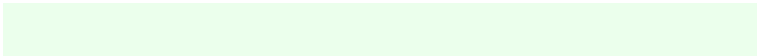
83.2871, 69.5057, 64.1951

Sweetspot

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



53.4895, 69.5086, 51.6726



85.0689, 95.1861, 93.4535



68.1839, 77.1400, 49.8247



17.8320, 20.1923, 19.4182



0.0000, 0.0000, 0.0000



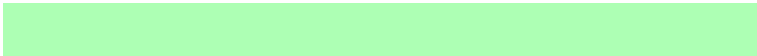
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4895, 69.5086, 51.6726



61.3294, 83.7488, 56.1601



56.7413, 70.8093, 68.7960



14.2370, 16.1082, 15.5130



16.1037, 32.0736, 5.7804



1.2067, 2.3768, 0.5152

Inverse Universe

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



61.7092, 51.8293, 79.4278



73.2520, 58.0974, 96.4135



57.9716, 50.3343, 59.7458



14.9415, 14.5938, 17.8921



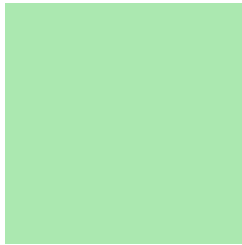
25.1640, 12.1998, 36.0882



1.8747, 0.9076, 2.7467

Previews

White Background



This preview shows how the XYZ color 53.4877, 69.5057, 51.6711 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 53.4877, 69.5057, 51.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

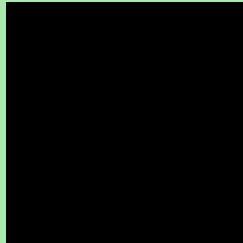
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4877, 69.5057, 51.6711

Background



This preview shows how black text looks on a background with the XYZ color 53.4877, 69.5057, 51.6711.



This preview shows how white text looks on a background with the XYZ color 53.4877, 69.5057,

51.6711.

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

53.4877, 69.5057, 51.6711

Protanopia

64.6723, 68.9652, 47.4391

Deuteranopia

70.3207, 68.7719, 53.2841



Tritanopia

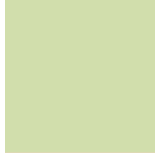
61.7933, 69.1935, 93.3179

Trichromacy



Original Color

53.4877, 69.5057, 51.6711



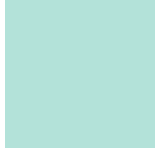
Protanomaly

59.8622, 68.7764, 49.1498



Deuteranomaly

62.7683, 68.2525, 52.5136



Tritanomaly

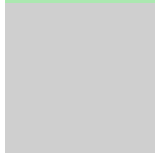
58.3111, 68.9862, 75.8880

Monochromacy



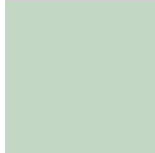
Original Color

53.4877, 69.5057, 51.6711



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.7678, 64.5666, 61.6952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4877, 69.5057, 51.6711 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(171, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 232, 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(171, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 232, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.4877, 69.5057, 51.6711 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(171, 232, 176) }
```


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

```
.border{ border-color:rgb(171, 232, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 232, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 232, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 232,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4877, 69.5057, 51.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 232, 176) }
```

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

```
.background{ background-color: rgb(171,  
232, 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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