

Converting Colors

XYZ(54.6536, 69.5865, 52.2588)

Have a look what the booklet for
XYZ(54.6536, 69.5865, 52.2588)
contains.

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Color

**XYZ(54.6432, 69.6733,
52.1633)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7B1
RGB	177, 231, 177
RGB Percent	69%, 91%, 69%
CMY	0.3059, 0.0941, 0.3059
CMYK	0.23, 0.00, 0.23, 0.09
HSL	120°, 53%, 80%
HSV	120°, 23%, 91%
XYZ	54.6432, 69.6733, 52.1633
YIQ	208.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

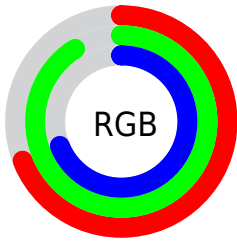
Format	Color
RYB	177, 231, 231
Decimal	11659185
CIELab	86.84, -27.51, 20.81
CIELCh	87, 34.492, 142.891
Yxy	69.6733, 0.3096, 0.3948
Android (android.graphics.Color)	4289849265 (0xFFB1E7B1)
YUV	208.6980, -15.6271, -27.7991
Hunter-Lab	83.4705, -29.2201, 21.3772

Details

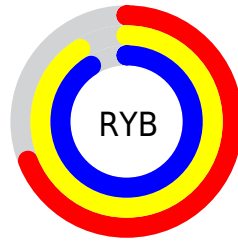
The XYZ color **54.6432, 69.6733, 52.1633** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.1033, 54.2042, 82.7408**, and the grayscale version is **60.5146, 63.6661, 69.3323**.

A 20% lighter version of the original color is **84.0723, 94.7268, 90.9438**, and **27.1364, 36.3261, 24.6502** is the 20% darker color. If you saturate the color by 10%, you get **47.7094, 66.3447, 40.8203**, and if you desaturate by 10%, it is **62.8611, 73.6229, 65.6037**.

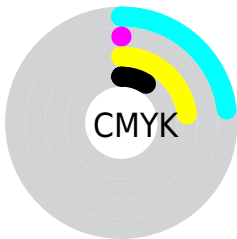
Distribution



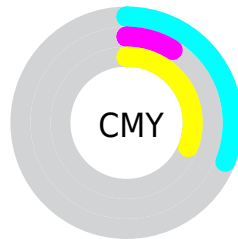
- Red (69%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6432, 69.6733, 52.1633 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 54.6432, 69.6733, 52.1633 by changing the saturation by 10% instead.

■ 54.6432, 69.6733,
52.1633

■ 54.6432, 69.6733,
52.1633

394.7164,
459.4021, 412.0416

■ 39.3488, 51.2602,
36.7521

■ 96.1694, 118.7427,
94.8011

■ 27.2132, 36.4158,
24.7213

123.1319,
150.1679, 122.8647

■ 17.8708, 24.7555,
15.6524

154.7145,
186.6992, 155.9829

■ 10.9564, 15.8950,
9.1269

191.2826,
228.7211, 194.5743

■ 6.1046, 9.4499,
4.7261

233.2014,
276.6179, 239.0573

■ 2.9500, 5.0358,
2.0315

280.8365,

■ 1.1274, 2.2683,

330.7741, 289.8505

0.5746

334.5530,
391.5740, 347.3724

0.0479, 0.7568,
0.0000

0.0000, 0.0000,
0.0000

54.6432, 69.6733,
52.1633

54.6432, 69.6733,
52.1633

47.7094, 66.3447,
40.8203

62.8611, 73.6229,
65.6037

41.9898, 63.5973,
31.4648

72.4176, 78.2133,
81.2350

37.4161, 61.4003,
23.9837

83.3706, 83.4746,
99.1504

33.9112, 59.7168,
18.2508

87.8673, 85.6346,
106.5058

■ 31.3885, 58.5050,
14.1243

■ 29.7478, 57.7168,
11.4405

■ 28.8676, 57.2940,
10.0007

■ 28.5773, 57.1546,
9.5259

Harmonies

Analogous

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



60.3893, 69.6733, 41.9486



54.6432, 69.6733, 52.1633



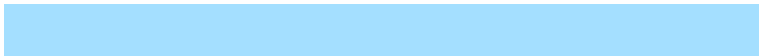
52.0362, 69.6733, 70.5142

Triad

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



54.6432, 69.6733, 52.1633



64.3276, 69.6733, 128.8219



81.5092, 69.6733, 59.9111

Complementary

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



54.6432, 69.6733, 52.1633



63.1033, 54.2042, 82.7408

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.



82.7775, 69.6733, 81.4744



54.6432, 69.6733, 52.1633



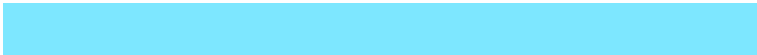
72.4195, 69.6733, 124.3952

Square

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



54.6432, 69.6733, 52.1633



57.3265, 69.6733, 116.9309



79.3317, 69.6733, 105.8316



75.9940, 69.6733, 45.7491

Rectangle

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



54.6432, 69.6733, 52.1633



52.2672, 69.6733, 86.1746



79.3317, 69.6733, 105.8316



82.4637, 69.6733, 66.4075

Sweetspot

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



54.6450, 69.6763, 52.1648



86.0432, 95.6736, 94.1679



69.4698, 77.3187, 52.8581



18.2592, 20.4024, 19.8980



0.0000, 0.0000, 0.0000



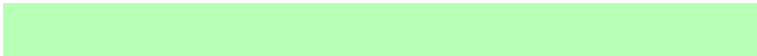
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6450, 69.6763, 52.1648



64.0415, 85.1050, 58.1802



57.6085, 70.8616, 67.7700



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



63.1033, 54.2042, 82.7408



76.3473, 62.5949, 102.6647



59.5784, 52.7943, 64.1788



14.9952, 14.6153, 18.1750



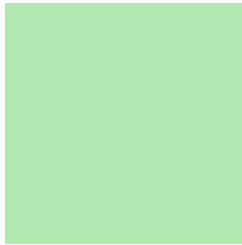
26.5609, 12.7586, 43.4442



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 54.6432, 69.6733, 52.1633 looks on a white background.

Color Contrast Check

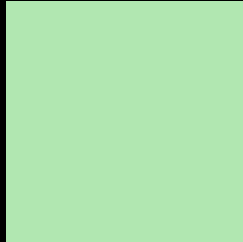
Large Text (above 18pt) WCAG AA × Fail

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 54.6432, 69.6733, 52.1633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

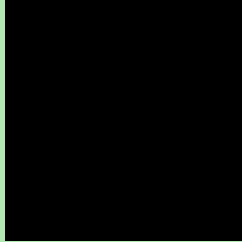
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6432, 69.6733, 52.1633

Background



This preview shows how black text looks on a background with the XYZ color 54.6432, 69.6733, 52.1633.



This preview shows how white text looks on a background with the XYZ color 54.6432, 69.6733,

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

54.6432, 69.6733, 52.1633

Protanopia

64.7666, 69.0029, 47.9355

Deuteranopia

70.4237, 68.8131, 53.8265



Tritanopia

62.8549, 69.7580, 92.5899

Trichromacy



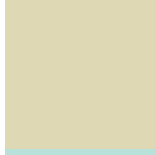
Original Color

54.6432, 69.6733, 52.1633



Protanomaly

60.2632, 68.5789, 49.5960



Deuteranomaly

63.2255, 68.0950, 52.9913



Tritanomaly

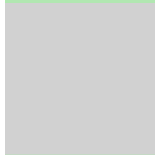
59.4879, 69.5928, 75.9431

Monochromacy



Original Color

54.6432, 69.6733, 52.1633



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.9169, 65.5272, 62.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6432, 69.6733, 52.1633 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(177, 231, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 177)  
}
```

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(177, 231, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 177) }
```

Border

The CSS property to change the border of an element to XYZ 54.6432, 69.6733, 52.1633 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(177, 231, 177) }
```


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

```
.border{ border-color:rgb(177, 231, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6432, 69.6733, 52.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 177) }
```

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

```
.background{ background-color: rgb(177,  
231, 177) }
```

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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