

Converting Colors

XYZ(54.9645, 69.9195, 53.8013)

Have a look what the booklet for
XYZ(54.9645, 69.9195, 53.8013)
contains.

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Color

**XYZ(54.9456, 69.7942,
53.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7B4
RGB	177, 231, 180
RGB Percent	69%, 91%, 71%
CMY	0.3059, 0.0941, 0.2941
CMYK	0.23, 0.00, 0.22, 0.09
HSL	123°, 53%, 80%
HSV	123°, 23%, 91%
XYZ	54.9456, 69.7942, 53.7557
YIQ	209.0400, -15.8130, -27.3090

Conversions

Conversions Part 2

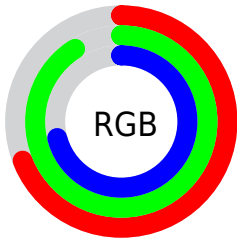
Format	Color
RYB	177, 228, 231
Decimal	11659188
CIELab	86.90, -27.00, 19.34
CIElCh	87, 33.208, 144.389
Yxy	69.7942, 0.3078, 0.3910
Android (android.graphics.Color)	4289849268 (0xFFB1E7B4)
YUV	209.0400, -14.3167, -28.0991
Hunter-Lab	83.5429, -28.8019, 20.3299

Details

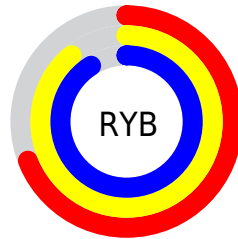
The XYZ color **54.9456, 69.7942, 53.7557** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.6831, 54.0362, 80.5281**, and the grayscale version is **60.7298, 63.8925, 69.5789**.

A 20% lighter version of the original color is **84.5046, 94.8998, 93.2205**, and **27.3291, 36.4032, 25.6648** is the 20% darker color. If you saturate the color by 10%, you get **48.0723, 66.4898, 42.7315**, and if you desaturate by 10%, it is **63.0631, 73.7036, 66.6672**.

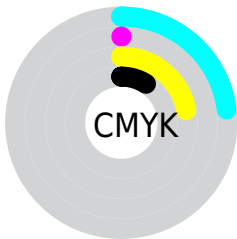
Distribution



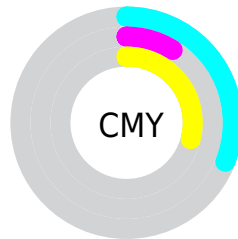
- Red (69%)
- Green (91%)
- Blue (71%)



- Red (69%)
- Yellow (89%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9456, 69.7942, 53.7557 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 54.9456, 69.7942, 53.7557 by changing the saturation by 10% instead.

■ 54.9456, 69.7942,
53.7557

■ 54.9456, 69.7942,
53.7557

395.8455,
459.8271, 418.3260

■ 39.5918, 51.3588,
38.0145

■ 96.6100, 118.9152,
97.1682

■ 27.4032, 36.4942,
25.6921

123.6514,
150.3696, 125.6767

■ 18.0145, 24.8161,
16.3697

155.3194,
186.9324, 159.2780

■ 11.0601, 15.9401,
9.6290

191.9793,
228.9881, 198.3907

■ 6.1749, 9.4818,
5.0513

233.9965,
276.9210, 243.4332

■ 2.9934, 5.0567,
2.2181


281.7364,

■ 1.1503, 2.2806,


331.1155, 294.8243


0.6848


335.5642,
391.9561, 352.9824


 0.0665, 0.7634,
0.0000


 0.0000, 0.0000,
0.0000


 54.9456, 69.7942,
53.7557


 54.9456, 69.7942,
53.7557


 48.0723, 66.4898,
42.7315


 63.0631, 73.7036,
66.6672


 42.3766, 63.7519,
33.5018

 72.4763, 78.2367,
81.5437

 37.7939, 61.5514,
25.9732

 83.2403, 83.4224,
98.4640

 34.2513, 59.8527,
20.0418

 87.8673, 85.6345,
106.5058

■ 31.6673, 58.6164,
15.5924

■ 29.9479, 57.7968,
12.4943

■ 28.9803, 57.3390,
10.5943

■ 28.6488, 57.1831,
9.9027

Harmonies

Analogous

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



60.3726, 69.7942, 43.3772



54.9456, 69.7942, 53.7557



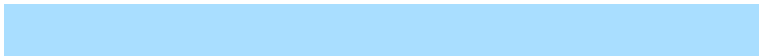
52.5856, 69.7942, 71.8977

Triad

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



54.9456, 69.7942, 53.7557



64.8911, 69.7942, 126.8668



80.8547, 69.7942, 59.6992

Complementary

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



54.9456, 69.7942, 53.7557



62.6831, 54.0362, 80.5281

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.



82.2990, 69.7942, 80.2430



54.9456, 69.7942, 53.7557



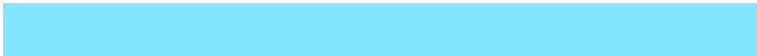
72.6825, 69.7942, 121.8625

Square

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



54.9456, 69.7942, 53.7557



58.0338, 69.7942, 116.2355



79.2038, 69.7942, 103.6488



75.3973, 69.7942, 46.3119

Rectangle

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



54.9456, 69.7942, 53.7557



52.9255, 69.7942, 87.1000



79.2038, 69.7942, 103.6488



81.8426, 69.7942, 65.8747

Sweetspot

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



54.9475, 69.7972, 53.7572



86.1886, 95.7317, 94.9336



68.6048, 76.8727, 52.8178



18.2927, 20.4158, 20.0746



0.0000, 0.0000, 0.0000



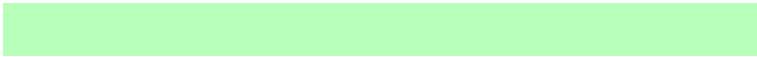
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9475, 69.7972, 53.7572



64.4620, 85.2732, 60.3946



57.9353, 70.9923, 69.4908



14.2216, 16.1021, 15.4319



16.0744, 32.0619, 5.6262



1.1994, 2.3739, 0.4764

Inverse Universe

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



62.6831, 54.0362, 80.5281



75.7153, 62.3421, 99.3365



59.2573, 52.6659, 62.4877



14.9587, 14.6007, 17.9830



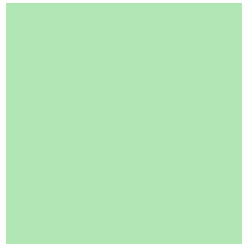
25.5973, 12.3731, 38.3698



1.9022, 0.9186, 2.8914

Previews

White Background



This preview shows how the XYZ color 54.9456, 69.7942, 53.7557 looks on a white background.

Color Contrast Check

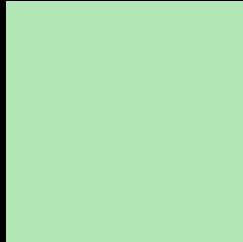
Large Text (above 18pt) WCAG AA × Fail

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 54.9456, 69.7942, 53.7557 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 54.9456, 69.7942, 53.7557

Background



This preview shows how black text looks on a background with the XYZ color 54.9456, 69.7942, 53.7557.



This preview shows how white text looks on a background with the XYZ color 54.9456, 69.7942,

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

54.9456, 69.7942, 53.7557

Protanopia

64.9888, 69.4658, 49.5181

Deuteranopia

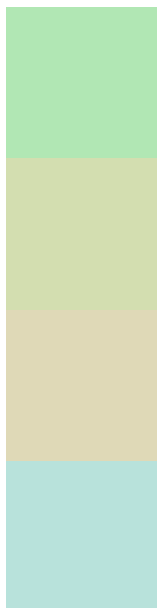
70.6243, 69.2434, 55.5420



Tritanopia

63.0039, 69.8176, 93.3746

Trichromacy



Original Color

54.9456, 69.7942, 53.7557

Protanomaly

60.8217, 69.2260, 51.2306

Deuteranomaly

63.7915, 68.7326, 54.7043

Tritanomaly

59.7497, 69.6975, 77.3217

Monochromacy



Original Color

54.9456, 69.7942, 53.7557

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.0319, 65.5732, 63.0244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9456, 69.7942, 53.7557 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.9456, 69.7942, 53.7557 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, 180) }
```


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

```
.border{ border-color:rgb(177, 231, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 180);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9456, 69.7942, 53.7557 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, 180) }
```

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

```
.background{ background-color: rgb(177,  
231, 180) }
```

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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