

Converting Colors

XYZ(54.5598, 67.2092, 51.9738)

Have a look what the booklet for
XYZ(54.5598, 67.2092, 51.9738)
contains.

XYZ(54.4895, 67.1321, 52.2054)	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(54.4895, 67.1321,
52.2054)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E1B2
RGB	183, 225, 178
RGB Percent	72%, 88%, 70%
CMY	0.2823, 0.1176, 0.3020
CMYK	0.19, 0.00, 0.21, 0.12
HSL	114°, 44%, 79%
HSV	114°, 21%, 88%
XYZ	54.4895, 67.1321, 52.2054
YIQ	207.0840, -9.9450, -23.5210

Conversions

Conversions Part 2

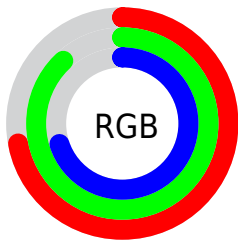
Format	Color
RYB	178, 225, 220
Decimal	12050866
CIELab	85.57, -22.44, 18.59
CIElCh	86, 29.138, 140.369
Yxy	67.1321, 0.3135, 0.3862
Android (android.graphics.Color)	4290240946 (0xFFB7E1B2)
YUV	207.0840, -14.3384, -21.1217
Hunter-Lab	81.9342, -24.6752, 19.5766

Details

The XYZ color **54.4895, 67.1321, 52.2054** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.0292, 52.4947, 78.2591**, and the grayscale version is **59.4579, 62.5543, 68.1216**.

A 20% lighter version of the original color is **86.2079, 95.8112, 91.7917**, and **27.1297, 34.8972, 24.7080** is the 20% darker color. If you saturate the color by 10%, you get **47.9676, 64.0119, 41.0590**, and if you desaturate by 10%, it is **62.0689, 70.7586, 65.3384**.

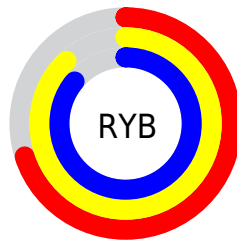
Distribution



Red (72%)

Green (88%)

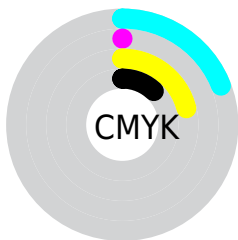
Blue (70%)



Red (70%)

Yellow (88%)

Blue (86%)

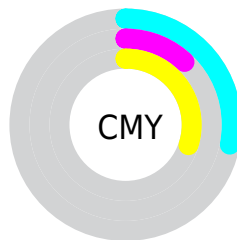


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (12%)



Cyan (28%)

Magenta (12%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4895, 67.1321, 52.2054 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 54.4895, 67.1321, 52.2054 by changing the saturation by 10% instead.

■ 54.4895, 67.1321,
52.2054

■ 54.4895, 67.1321,
52.2054

394.1418,
450.4148, 412.2085

■ 39.2254, 49.1920,
36.7855

■ 95.9453, 115.1097,
94.8638

■ 27.1166, 34.7718,
24.7469

122.8676,
145.9159, 122.9392

■ 17.7979, 23.4871,
15.6713

154.4068,
181.7797, 156.0703

■ 10.9038, 14.9536,
9.1400

190.9281,
223.0853, 194.6755

■ 6.0690, 8.7868,
4.7346

232.7969,
270.2173, 239.1734

■ 2.9281, 4.6024,
2.0364


280.3785,

■ 1.1159, 2.0159,


323.5599, 289.9825


0.5775


334.0384,
383.4976, 347.5214


 0.0383, 0.6167,
0.0000


 0.0000, 0.0000,
0.0000


 54.4895, 67.1321,
52.2054


 54.4895, 67.1321,
52.2054


 47.9676, 64.0119,
41.0590


 62.0689, 70.7586,
65.3384


 42.4509, 61.3672,
31.7983

 70.7443, 74.9033,
80.5433

 37.8908, 59.1771,
24.3204

 80.5589, 79.5888,
97.9060

 34.2324, 57.4160,
18.5107

 86.2166, 82.3332,
105.9555

■ 31.4153, 56.0553,
14.2412

■ 29.3716, 55.0632,
11.3656

■ 28.0223, 54.4029,
9.7092

■ 27.3016, 54.0465,
8.9931

Harmonies

Analogous

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



59.4747, 67.1321, 43.9485



54.4895, 67.1321, 52.2054



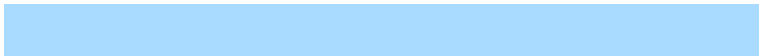
52.0528, 67.1321, 67.1594

Triad

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



54.4895, 67.1321, 52.2054



61.6992, 67.1321, 115.2911



76.5111, 67.1321, 61.1172

Complementary

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



54.4895, 67.1321, 52.2054



59.0292, 52.4947, 78.2591

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.



77.2096, 67.1321, 79.3713



54.4895, 67.1321, 52.2054



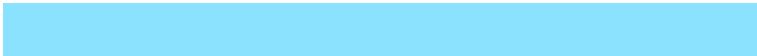
68.3449, 67.1321, 112.9131

Square

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



54.4895, 67.1321, 52.2054



56.0210, 67.1321, 104.9507



74.1305, 67.1321, 98.9253



72.2830, 67.1321, 48.4421

Rectangle

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



54.4895, 67.1321, 52.2054



52.0777, 67.1321, 79.8610



74.1305, 67.1321, 98.9253



77.1773, 67.1321, 66.7232

Sweetspot

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



54.4913, 67.1350, 52.2069



87.8310, 96.5519, 96.2118



64.5567, 70.1583, 52.2599



18.6383, 20.5891, 20.3110



0.0000, 0.0000, 0.0000



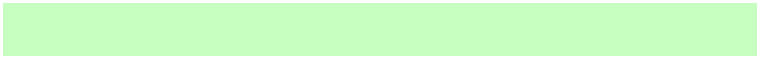
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4913, 67.1350, 52.2069



68.4881, 87.3024, 62.6759



55.2532, 67.3048, 62.3154



13.6634, 15.4066, 14.5604



15.7785, 31.1666, 5.1842



1.1399, 2.1842, 0.3615

Inverse Universe

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



59.0292, 52.4947, 78.2591



75.5249, 64.5875, 103.0938



58.2346, 52.3543, 66.0594



14.1439, 13.8577, 17.3170



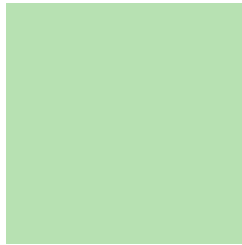
21.7826, 10.3246, 41.8931



1.5516, 0.7372, 2.9058

Previews

White Background



This preview shows how the XYZ color 54.4895, 67.1321, 52.2054 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 54.4895, 67.1321, 52.2054 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 54.4895, 67.1321, 52.2054

Background



This preview shows how black text looks on a background with the XYZ color 54.4895, 67.1321, 52.2054.



This preview shows how white text looks on a background with the XYZ color 54.4895, 67.1321,

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

54.4895, 67.1321, 52.2054

Protanopia

62.6047, 66.7358, 48.6114

Deuteranopia

67.9310, 66.4525, 53.5022



Tritanopia

61.5465, 66.8303, 88.2530

Trichromacy



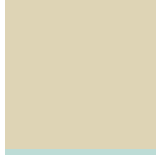
Original Color

54.4895, 67.1321, 52.2054



Protanomaly

59.0312, 66.3833, 49.7464



Deuteranomaly

62.0082, 65.9528, 53.1780



Tritanomaly

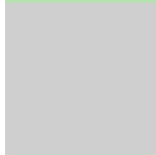
58.7171, 66.8603, 73.4289

Monochromacy



Original Color

54.4895, 67.1321, 52.2054



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

57.2991, 64.0844, 61.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4895, 67.1321, 52.2054 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(183, 225, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 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(183, 225, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 178) }
```

Border

The CSS property to change the border of an element to XYZ 54.4895, 67.1321, 52.2054 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(183, 225, 178) }
```


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

```
.border{ border-color:rgb(183, 225, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 178);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4895, 67.1321, 52.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 178) }
```

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

```
.background{ background-color: rgb(183,  
225, 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](#).

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