

Converting Colors

XYZ(52.2199, 63.5129, 55.4059)

Have a look what the booklet for
XYZ(52.2199, 63.5129, 55.4059)
contains.

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Color

**XYZ(52.2199, 63.5129,
55.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DBB9
RGB	177, 219, 185
RGB Percent	69%, 86%, 73%
CMY	0.3059, 0.1412, 0.2745
CMYK	0.19, 0.00, 0.16, 0.14
HSL	131°, 37%, 78%
HSV	131°, 19%, 86%
XYZ	52.2199, 63.5129, 55.4059
YIQ	202.5660, -14.1180, -19.4780

Conversions

Conversions Part 2

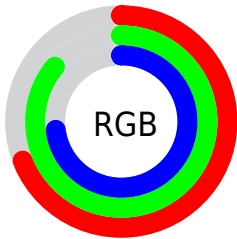
Format	Color
RYB	177, 212, 219
Decimal	11656121
CIELab	83.71, -20.28, 12.24
CIElCh	84, 23.687, 148.873
Yxy	63.5129, 0.3051, 0.3711
Android (android.graphics.Color)	4289846201 (0xFFB1DBB9)
YUV	202.5660, -8.6600, -22.4214
Hunter-Lab	79.6950, -22.5046, 14.5666

Details

The XYZ color **52.2199, 63.5129, 55.4059** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.6956, 51.2089, 68.5268**, and the grayscale version is **56.5529, 59.4981, 64.7934**.

A 20% lighter version of the original color is **85.2415, 95.1945, 97.1008**, and **25.7525, 32.5019, 26.7460** is the 20% darker color. If you saturate the color by 10%, you get **45.8700, 60.4441, 45.9409**, and if you desaturate by 10%, it is **59.6073, 67.0931, 66.1405**.

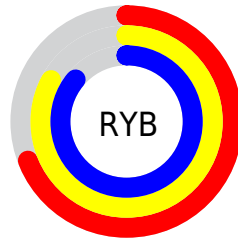
Distribution



Red (69%)

Green (86%)

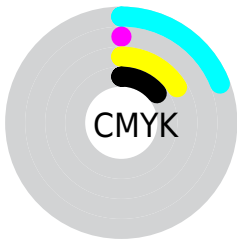
Blue (73%)



Red (69%)

Yellow (83%)

Blue (86%)

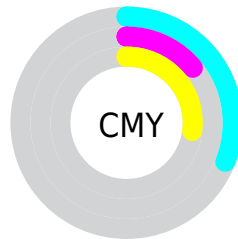


Cyan (19%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (31%)

Magenta (14%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2199, 63.5129, 55.4059 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 52.2199, 63.5129, 55.4059 by changing the saturation by 10% instead.

■ 52.2199, 63.5129,
55.4059

■ 52.2199, 63.5129,
55.4059

385.5950,
437.4285, 424.7740

■ 37.4054, 46.2563,
39.3260

■ 92.6278, 109.9091,
99.6125

■ 25.6966, 32.4481,
26.7037

118.9518,
139.8175, 128.5763

■ 16.7283, 21.7040,
17.1203

149.8431,
174.7120, 162.6718

■ 10.1351, 13.6396,
10.1574

185.6669,
214.9768, 202.3176

■ 5.5516, 7.8704,
5.3965

226.7886,
260.9965, 247.9321

■ 2.6124, 4.0121,
2.4190

273.5737,

■ 0.9523, 1.6804,

313.1554, 299.9340

0.7967

326.3873,
371.8380, 358.7418

0.0000, 0.4109,
0.0000

0.0000, 0.0000,
0.0000

52.2199, 63.5129,
55.4059

52.2199, 63.5129,
55.4059

45.8700, 60.4441,
45.9409

59.6073, 67.0931,
66.1405

40.5056, 57.8557,
37.6943

68.0706, 71.1983,
78.1848

36.0783, 55.7253,
30.6180

77.6527, 75.8514,
91.5825

32.5331, 54.0260,
24.6586

84.6227, 79.1455,
105.4242

■ 29.8096, 52.7276,
19.7590

■ 27.8392, 51.7961,
15.8567

■ 26.5419, 51.1918,
12.8827

■ 25.7944, 50.8527,
10.7579

■ 25.7456, 50.8306,
10.6182

Harmonies

Analogous

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



55.6747, 63.5129, 47.0221



52.2199, 63.5129, 55.4059



50.9279, 63.5129, 68.5943

Triad

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



52.2199, 63.5129, 55.4059



60.1711, 63.5129, 101.8515



69.5359, 63.5129, 56.2499

Complementary

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



52.2199, 63.5129, 55.4059



56.6956, 51.2089, 68.5268

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.



70.9061, 63.5129, 69.7183



52.2199, 63.5129, 55.4059



65.3161, 63.5129, 97.3276

Square

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



52.2199, 63.5129, 55.4059



55.3532, 63.5129, 96.6235



69.3205, 63.5129, 85.0084



65.6749, 63.5129, 47.4581

Rectangle

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



52.2199, 63.5129, 55.4059



51.4067, 63.5129, 78.8195



69.3205, 63.5129, 85.0084



70.3125, 63.5129, 60.3142

Sweetspot

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



52.2216, 63.5156, 55.4073



87.7129, 96.4406, 98.4809



60.2198, 67.7337, 51.4956



18.6105, 20.5629, 20.8451



0.0000, 0.0000, 0.0000



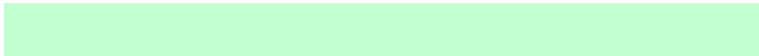
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2216, 63.5156, 55.4073



69.9425, 87.8333, 72.6334



54.5691, 64.4546, 67.7688



12.9874, 14.6466, 14.3964



15.2953, 30.1507, 6.4545



1.0210, 1.9653, 0.5766

Inverse Universe

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



56.6956, 51.2089, 68.5268



77.3621, 67.4192, 94.3874



54.2646, 50.2365, 55.7252



13.5025, 13.2301, 15.9073



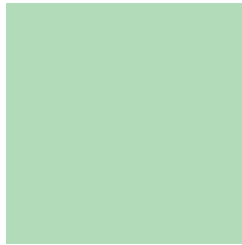
22.0833, 10.8343, 25.8822



1.4586, 0.7131, 1.8240

Previews

White Background



This preview shows how the XYZ color 52.2199, 63.5129, 55.4059 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 52.2199, 63.5129, 55.4059 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

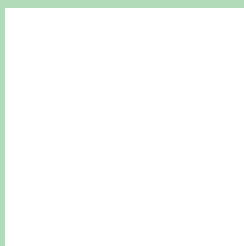
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2199, 63.5129, 55.4059

Background



This preview shows how black text looks on a background with the XYZ color 52.2199, 63.5129, 55.4059.



This preview shows how white text looks on a background with the XYZ color 52.2199, 63.5129,

55.4059.

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

52.2199, 63.5129, 55.4059

Protanopia

59.6060, 63.2718, 51.7189

Deuteranopia

64.3329, 63.1096, 56.9348



Tritanopia

58.0848, 63.6160, 84.0806

Trichromacy



Original Color

52.2199, 63.5129, 55.4059

Protanomaly

56.5126, 63.1197, 52.9208

Deuteranomaly

59.3645, 63.0387, 56.6158

Tritanomaly

55.7294, 63.4010, 72.9187

Monochromacy



Original Color

52.2199, 63.5129, 55.4059

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.0124, 61.0558, 61.1100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2199, 63.5129, 55.4059 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, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(177, 219, 185)  
}
```

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, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 219, 185) }
```

Border

The CSS property to change the border of an element to XYZ 52.2199, 63.5129, 55.4059 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, 219, 185) }
```


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

```
.border{ border-color:rgb(177, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(177, 219,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2199, 63.5129, 55.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 219, 185) }
```

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

```
.background{ background-color: rgb(177,  
219, 185) }
```

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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