

Converting Colors

XYZ(44.7171, 52.4995, 63.0354)

Have a look what the booklet for
XYZ(44.7171, 52.4995, 63.0354)
contains.

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Color

**XYZ(44.7145, 52.4942,
63.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC8C9
RGB	155, 200, 201
RGB Percent	61%, 78%, 79%
CMY	0.3921, 0.2157, 0.2118
CMYK	0.23, 0.00, 0.00, 0.21
HSL	181°, 30%, 70%
HSV	181°, 23%, 79%
XYZ	44.7145, 52.4942, 63.0340
YIQ	186.6590, -27.1410, -9.2290

Conversions

Conversions Part 2

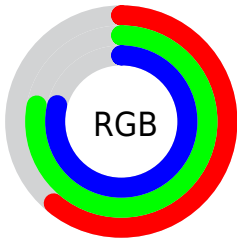
Format	Color
RYB	155, 178, 201
Decimal	10209481
CIELab	77.58, -14.47, -5.35
CIELCh	78, 15.428, 200.291
Yxy	52.4942, 0.2790, 0.3276
Android (android.graphics.Color)	4288399561 (0xFF9BC8C9)
YUV	186.6590, 7.0701, -27.7649
Hunter-Lab	72.4529, -16.6308, -0.8653

Details

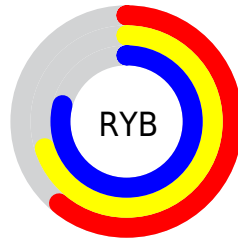
The XYZ color **44.7145, 52.4942, 63.0340** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8928, 38.5612, 36.2465**, and the grayscale version is **47.0157, 49.4642, 53.8665**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **21.0248, 25.4891, 31.4155** is the 20% darker color. If you saturate the color by 10%, you get **41.0732, 50.4687, 62.8358**, and if you desaturate by 10%, it is **49.0013, 54.8555, 63.2647**.

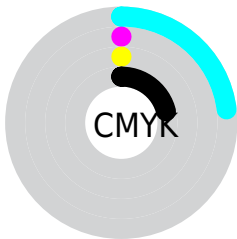
Distribution



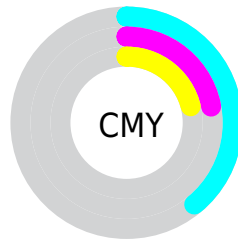
- Red (61%)
- Green (78%)
- Blue (79%)



- Red (61%)
- Yellow (70%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7145, 52.4942, 63.0340 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 44.7145, 52.4942, 63.0340 by changing the saturation by 10% instead.

■ 44.7145, 52.4942,
63.0340

■ 44.7145, 52.4942,
63.0340

356.4192,
396.3415, 453.8042

■ 31.4329, 37.3991,
45.4275

■ 81.5315, 93.8597,
110.8046

■ 21.0822, 25.5167,
31.4489

■ 105.7977,
120.8989, 141.8058

■ 13.2969, 16.4624,
20.6796

134.4561,
152.6883, 178.1091

■ 7.7117, 9.8520,
12.7010

167.8721,
189.6122, 220.1329

■ 3.9613, 5.3009,
7.0947

206.4111,
232.0551, 268.2957

■ 1.6803, 2.4249,
3.4421

250.4383,

■ 0.4439, 0.8386,

280.4014, 323.0162

1.3245

300.3193,
335.0354, 384.7129

■ 0.0000, 0.0000,
0.0818

■ 0.0000, 0.0000,
0.0000

■ 44.7145, 52.4942,
63.0340

■ 44.7145, 52.4942,
63.0340

■ 41.0732, 50.4687,
62.8358

■ 49.0013, 54.8555,
63.2647

■ 38.0409, 48.7564,
62.6651

■ 53.9585, 57.5616,
63.5257

■ 35.5849, 47.3415,
62.5215

■ 59.6155, 60.6287,
63.8196

■ 33.6671, 46.2045,
62.4031

■ 65.9982, 64.0705,
64.1475

■ 32.2453, 45.3236,
62.3080

■ 72.9463, 67.8041,
64.5020

■ 31.2705, 44.6736,
62.2339

■ 73.0488, 68.0092,
64.5362

■ 30.6843, 44.2243,
62.1781

■ 73.1516, 68.2148,
64.5704

■ 30.4281, 43.9878,
62.1459

■ 73.2547, 68.4210,
64.6048

■ 73.3581, 68.6278,
64.6393

Harmonies

Analogous

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



44.4610, 52.4942, 54.4363



44.7145, 52.4942, 63.0340



46.3250, 52.4942, 70.7219

Triad

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



44.7145, 52.4942, 63.0340



54.4295, 52.4942, 68.2861



50.8660, 52.4942, 42.4708

Complementary

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



44.7145, 52.4942, 63.0340



41.8928, 38.5612, 36.2465

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.



53.6421, 52.4942, 45.4485



44.7145, 52.4942, 63.0340



55.7529, 52.4942, 59.9674

Square

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



44.7145, 52.4942, 63.0340



51.9060, 52.4942, 73.9572



55.4591, 52.4942, 51.6576



47.9350, 52.4942, 43.1161

Rectangle

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



44.7145, 52.4942, 63.0340



47.9881, 52.4942, 74.0247



55.4591, 52.4942, 51.6576



51.8500, 52.4942, 43.0690

Sweetspot

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



44.7160, 52.4963, 63.0352



88.6618, 96.5237, 108.5657



40.3862, 51.1352, 39.0916



18.8654, 20.5990, 23.2316



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.



44.7160, 52.4963, 63.0352



73.6218, 88.2492, 107.7613



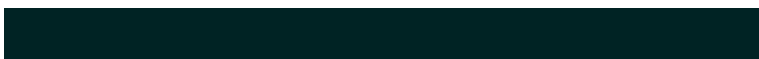
39.8295, 42.7232, 61.4063



10.9262, 12.0266, 13.6630



19.1410, 27.6760, 39.0775



0.9127, 1.3233, 1.8525

Inverse Universe

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



46.2353, 40.0315, 59.9360



76.6411, 63.5653, 101.5826



46.0781, 46.9318, 37.6416



11.0728, 10.8125, 13.3666



21.4608, 10.3339, 33.9662



1.0194, 0.4906, 1.6253

Previews

White Background



This preview shows how the XYZ color 44.7145, 52.4942, 63.0340 looks on a white background.

Color Contrast Check

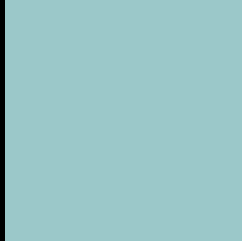
Large Text (above 18pt) WCAG AA × Fail

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 44.7145, 52.4942, 63.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

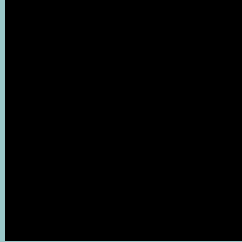
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7145, 52.4942, 63.0340

Background



This preview shows how black text looks on a background with the XYZ color 44.7145, 52.4942, 63.0340.

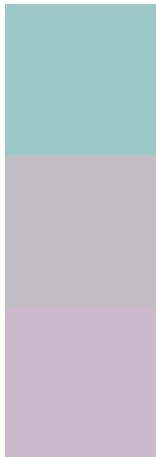


This preview shows how white text looks on a background with the XYZ color 44.7145, 52.4942,

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

44.7145, 52.4942, 63.0340

Protanopia

50.2561, 52.1045, 59.0382

Deuteranopia

53.3598, 52.3148, 64.4121



Tritanopia

46.4322, 52.5123, 71.3070

Trichromacy



Original Color

44.7145, 52.4942, 63.0340

Protanomaly

47.9602, 52.1985, 60.3709

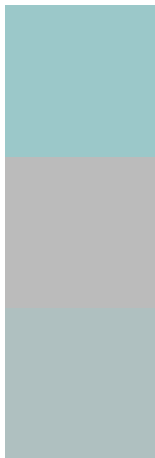
Deuteranomaly

49.6600, 52.0125, 63.9220

Tritanomaly

45.8367, 52.6184, 68.0621

Monochromacy



Original Color

44.7145, 52.4942, 63.0340

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.0433, 50.6190, 57.2129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7145, 52.4942, 63.0340 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(155, 200, 201)` looks like.

```
.text, #text, p{  
    color:rgb(155, 200, 201)  
}
```

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(155, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 200, 201) }
```

Border

The CSS property to change the border of an element to XYZ 44.7145, 52.4942, 63.0340 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(155, 200, 201) }
```


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

```
.border{ border-color:rgb(155, 200, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 200, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(155, 200,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7145, 52.4942, 63.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 200, 201) }
```

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

```
.background{ background-color: rgb(155,  
200, 201) }
```

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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