

Converting Colors

XYZ(44.1942, 52.8860, 58.0578)

Have a look what the booklet for
XYZ(44.1942, 52.8860, 58.0578)
contains.

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Color

**XYZ(44.2637, 53.0599,
58.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	9BCAC1
RGB	155, 202, 193
RGB Percent	61%, 79%, 76%
CMY	0.3922, 0.2078, 0.2431
CMYK	0.23, 0.00, 0.04, 0.21
HSL	169°, 31%, 70%
HSV	169°, 23%, 79%
XYZ	44.2637, 53.0599, 58.3607
YIQ	186.9210, -25.1230, -12.7630

Conversions

Conversions Part 2

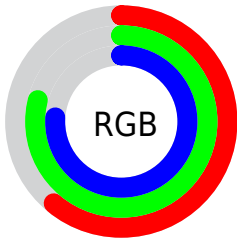
Format	Color
RYB	155, 181, 202
Decimal	10209985
CIELab	77.91, -17.23, -0.55
CIELCh	78, 17.234, 181.819
Yxy	53.0599, 0.2843, 0.3408
Android (android.graphics.Color)	4288400065 (0xFF9BCAC1)
YUV	186.9210, 2.9969, -27.9947
Hunter-Lab	72.8422, -19.0056, 3.4868

Details

The XYZ color **44.2637, 53.0599, 58.3607** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7811, 38.6809, 40.3354**, and the grayscale version is **47.1845, 49.6418, 54.0599**.

A 20% lighter version of the original color is **79.4372, 92.0612, 103.2053**, and **20.9170, 25.9568, 28.7187** is the 20% darker color. If you saturate the color by 10%, you get **40.2809, 51.0573, 55.9515**, and if you desaturate by 10%, it is **48.9093, 55.4057, 60.8622**.

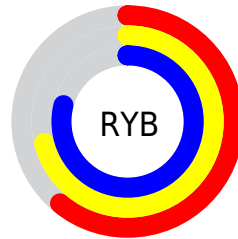
Distribution



Red (61%)

Green (79%)

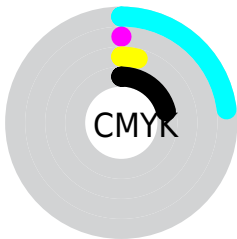
Blue (76%)



Red (61%)

Yellow (71%)

Blue (79%)

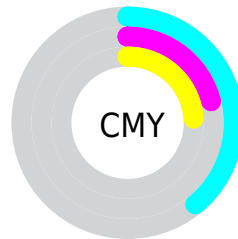


Cyan (23%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (39%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2637, 53.0599, 58.3607 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 44.2637, 53.0599, 58.3607 by changing the saturation by 10% instead.

■ 44.2637, 53.0599,
58.3607

■ 44.2637, 53.0599,
58.3607

354.6173,
398.5149, 436.1644

■ 31.0767, 37.8506,
41.6821

■ 80.8583, 94.6925,
103.9679

■ 20.8094, 25.8667,
28.5287

■ 104.9966,
121.8846, 133.7336

■ 13.0964, 16.7240,
18.4821

133.5160,
153.8397, 168.6986

■ 7.5724, 10.0379,
11.1236

166.7819,
190.9423, 209.2817

■ 3.8721, 5.4241,
6.0348

205.1596,
233.5767, 255.9013

■ 1.6300, 2.4982,
2.7971

249.0145,

■ 0.4119, 0.8757,

282.1273, 308.9759

0.9920

298.7120,
336.9786, 368.9241

■ 0.0000, 0.0000,
0.0000

■ 44.2637, 53.0599,
58.3607

■ 44.2637, 53.0599,
58.3607

■ 40.2809, 51.0573,
55.9515

■ 48.9093, 55.4057,
60.8622

■ 36.9241, 49.3748,
53.6289

■ 54.2434, 58.1036,
63.4541

■ 34.1598, 47.9963,
51.3921

■ 60.2955, 61.1705,
66.1395

■ 31.9492, 46.9021,
49.2389

■ 67.0924, 64.6199,
68.9201

■ 30.2493, 46.0699,
47.1667

■ 74.2890, 68.2740,
71.7800

■ 29.0101, 45.4739,
45.1728

■ 74.7842, 68.4721,
74.3873

■ 28.1718, 45.0834,
43.2538

■ 75.2911, 68.6749,
77.0568

■ 27.7604, 44.8986,
42.0006

■ 75.8099, 68.8824,
79.7887

■ 76.3406, 69.0947,
82.5836

Harmonies

Analogous

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



44.9644, 53.0599, 49.4916



44.2637, 53.0599, 58.3607



45.1540, 53.0599, 68.0556

Triad

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



44.2637, 53.0599, 58.3607



53.9048, 53.0599, 74.9092



53.5355, 53.0599, 42.9901

Complementary

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



44.2637, 53.0599, 58.3607



42.7811, 38.6809, 40.3354

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.



56.1057, 53.0599, 48.5825



44.2637, 53.0599, 58.3607



56.3255, 53.0599, 66.9307

Square

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



44.2637, 53.0599, 58.3607



50.6366, 53.0599, 78.2430



57.1479, 53.0599, 57.1897



50.2277, 53.0599, 41.2266

Rectangle

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



44.2637, 53.0599, 58.3607



46.5539, 53.0599, 73.5215



57.1479, 53.0599, 57.1897



54.5194, 53.0599, 44.4515

Sweetspot

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



44.2652, 53.0621, 58.3619



88.2395, 96.5521, 105.7335



42.4310, 52.5450, 38.9170



18.7673, 20.6056, 22.5737



0.0000, 0.0000, 0.0000



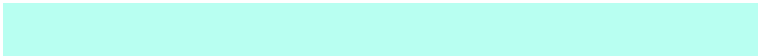
20.3446, 21.4041, 23.3091

Same Dimension

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



44.2652, 53.0621, 58.3619



71.3571, 88.0313, 96.7040



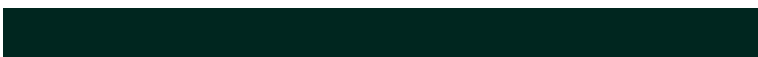
42.1417, 47.1584, 62.7611



11.4475, 12.6888, 13.9142



17.8941, 28.9029, 27.1909



0.9475, 1.5008, 1.5308

Inverse Universe

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



42.7811, 38.6809, 40.3354



68.4072, 59.4189, 60.8527



44.4818, 43.3378, 37.0317



11.2987, 11.2482, 12.1074



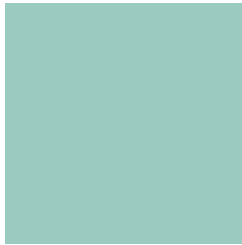
15.9308, 8.1829, 2.0884



0.8487, 0.4329, 0.2492

Previews

White Background



This preview shows how the XYZ color 44.2637, 53.0599, 58.3607 looks on a white background.

Color Contrast Check

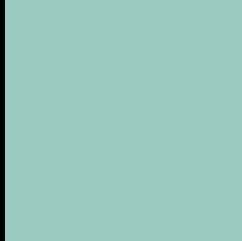
Large Text (above 18pt) WCAG AA × Fail

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 44.2637, 53.0599, 58.3607 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

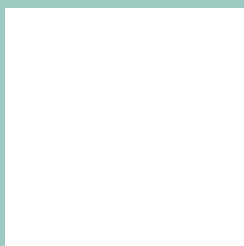
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2637, 53.0599, 58.3607

Background



This preview shows how black text looks on a background with the XYZ color 44.2637, 53.0599, 58.3607.

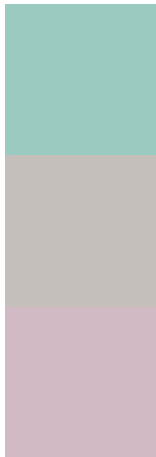


This preview shows how white text looks on a background with the XYZ color 44.2637, 53.0599,

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

44.2637, 53.0599, 58.3607

Protanopia

50.6264, 52.7198, 54.5213

Deuteranopia

53.8172, 52.6586, 59.5522



Tritanopia

46.9872, 53.1241, 72.0675

Trichromacy



Original Color

44.2637, 53.0599, 58.3607

Protanomaly

47.9918, 52.6494, 55.7770

Deuteranomaly

49.6862, 52.4582, 59.1365

Tritanomaly

46.0173, 53.0826, 66.8521

Monochromacy



Original Color

44.2637, 53.0599, 58.3607

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.7141, 50.4874, 55.4798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2637, 53.0599, 58.3607 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, 202, 193)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 193)  
}
```

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, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 193) }
```

Border

The CSS property to change the border of an element to XYZ 44.2637, 53.0599, 58.3607 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, 202, 193) }
```


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

```
.border{ border-color:rgb(155, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2637, 53.0599, 58.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 193) }
```

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

```
.background{ background-color: rgb(155,  
202, 193) }
```

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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