

Converting Colors

XYZ(44.1732, 52.7148, 64.4128)

Have a look what the booklet for
XYZ(44.1732, 52.7148, 64.4128)
contains.

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Color

**XYZ(44.2944, 52.9424,
64.3843)**

Conversions

Conversions Part 1

Format	Color
Hex	95CACB
RGB	149, 202, 203
RGB Percent	58%, 79%, 80%
CMY	0.4157, 0.2078, 0.2039
CMYK	0.27, 0.00, 0.00, 0.20
HSL	181°, 34%, 69%
HSV	181°, 27%, 80%
XYZ	44.2944, 52.9424, 64.3843
YIQ	186.2670, -31.9090, -10.9250

Conversions

Conversions Part 2

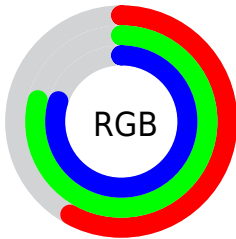
Format	Color
R _{YB}	149, 176, 203
Decimal	9816779
CIE Lab	77.84, -16.84, -6.07
CIE LCh	78, 17.899, 199.837
Yxy	52.9424, 0.2741, 0.3276
Android (android.graphics.Color)	4288006859 (0xFF95CACB)
YUV	186.2670, 8.2494, -32.6832
Hunter-Lab	72.7615, -18.6688, -1.5307

Details

The XYZ color **44.2944, 52.9424, 64.3843** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9603, 36.6793, 33.3557**, and the grayscale version is **46.7910, 49.2278, 53.6090**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **20.8386, 25.8365, 32.3224** is the 20% darker color. If you saturate the color by 10%, you get **40.8213, 51.0228, 64.1977**, and if you desaturate by 10%, it is **48.4164, 55.1995, 64.6036**.

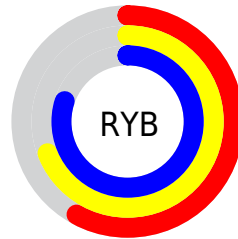
Distribution



Red (58%)

Green (79%)

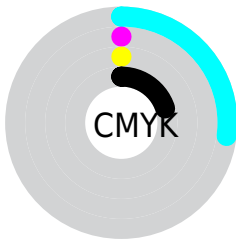
Blue (80%)



Red (58%)

Yellow (69%)

Blue (80%)

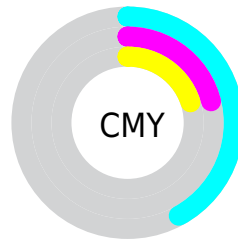


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2944, 52.9424, 64.3843 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 44.2944, 52.9424, 64.3843 by changing the saturation by 10% instead.

■ 44.2944, 52.9424,
64.3843

■ 44.2944, 52.9424,
64.3843

354.7403,
398.0641, 458.8216

■ 31.1009, 37.7568,
46.5138

■ 80.9042, 94.5196,
112.7690

■ 20.8279, 25.7940,
32.2999

■ 105.0512,
121.6800, 144.1203

■ 13.1100, 16.6696,
21.3240

133.5801,
153.6008, 180.8023

■ 7.5819, 9.9992,
13.1675

166.8562,
190.6663, 223.2335

■ 3.8781, 5.3984,
7.4119

205.2449,
233.2610, 271.8325

■ 1.6334, 2.4829,
3.6387

249.1116,

■ 0.4140, 0.8680,

281.7693, 327.0179

1.4293

298.8216,
336.5755, 389.2080

■ 0.0000, 0.0000,
0.1644

■ 0.0000, 0.0000,
0.0000

■ 44.2944, 52.9424,
64.3843

■ 44.2944, 52.9424,
64.3843

■ 40.8213, 51.0228,
64.1977

■ 48.4164, 55.1995,
64.6036

■ 37.9589, 49.4170,
64.0386

■ 53.2136, 57.8036,
64.8534

■ 35.6722, 48.1084,
63.9066

■ 58.7167, 60.7720,
65.1363

■ 33.9209, 47.0760,
63.7996

■ 64.9531, 64.1187,
65.4536

■ 32.6593, 46.2965,
63.7156

■ 71.9486, 67.8571,
65.8065

■ 31.8343, 45.7423,
63.6521

■ 73.6730, 68.8784,
65.9127

■ 31.3768, 45.3778,
63.6059

■ 73.7623, 69.0572,
65.9425

■ 31.2610, 45.2745,
63.5921

■ 73.8520, 69.2364,
65.9724

■ 73.9418, 69.4161,
66.0023

Harmonies

Analogous

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



44.0271, 52.9424, 54.3352



44.2944, 52.9424, 64.3843



46.1336, 52.9424, 73.5366

Triad

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



44.2944, 52.9424, 64.3843



55.5998, 52.9424, 70.8855



51.5080, 52.9424, 40.7902

Complementary

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



44.2944, 52.9424, 64.3843



40.9603, 36.6793, 33.3557

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.



54.7527, 52.9424, 44.2260



44.2944, 52.9424, 64.3843



57.1860, 52.9424, 61.0871

Square

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



44.2944, 52.9424, 64.3843



52.6213, 52.9424, 77.5790



56.8690, 52.9424, 51.3937



48.0871, 52.9424, 41.4570

Rectangle

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



44.2944, 52.9424, 64.3843



48.0526, 52.9424, 77.5337



56.8690, 52.9424, 51.3937



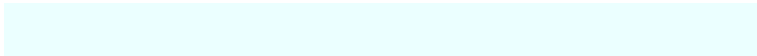
52.6580, 52.9424, 41.4868

Sweetspot

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



44.2960, 52.9445, 64.3855



87.8189, 96.0939, 108.5272



39.2483, 51.3012, 36.6464



18.5244, 20.4204, 23.2151



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.



44.2960, 52.9445, 64.3855



70.6532, 86.7119, 107.6210



38.5243, 41.4012, 62.4616



11.5248, 12.6901, 14.4124



19.9019, 28.8277, 40.4716



1.0325, 1.4988, 2.0898

Inverse Universe

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



46.0379, 38.4568, 60.8760



74.0686, 58.4241, 100.7136



45.7568, 46.2722, 34.9545



11.6783, 11.4000, 14.1063



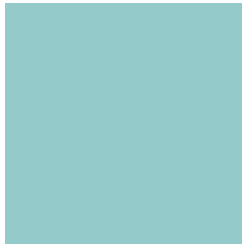
22.2565, 10.7132, 35.3988



1.1511, 0.5538, 1.8416

Previews

White Background



This preview shows how the XYZ color 44.2944, 52.9424, 64.3843 looks on a white background.

Color Contrast Check

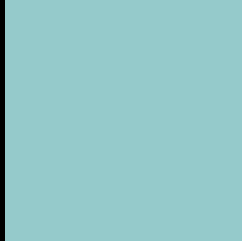
Large Text (above 18pt) WCAG AA × Fail

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 44.2944, 52.9424, 64.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

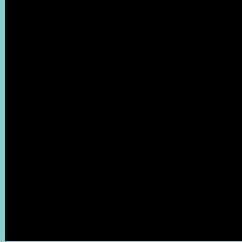
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2944, 52.9424, 64.3843

Background



This preview shows how black text looks on a background with the XYZ color 44.2944, 52.9424, 64.3843.

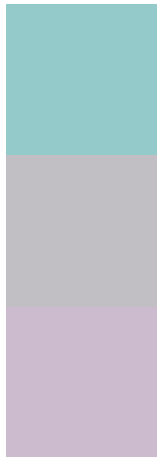


This preview shows how white text looks on a background with the XYZ color 44.2944, 52.9424,

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

44.2944, 52.9424, 64.3843

Protanopia

50.8427, 52.7165, 59.7201

Deuteranopia

53.6013, 52.4114, 65.6838



Tritanopia

45.9978, 52.9418, 72.7602

Trichromacy



Original Color

44.2944, 52.9424, 64.3843

Protanomaly

48.1840, 52.6187, 61.6497

Deuteranomaly

49.6362, 52.2974, 65.2359

Tritanomaly

45.4070, 53.0557, 69.4756

Monochromacy



Original Color

44.2944, 52.9424, 64.3843

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.5976, 50.3893, 57.1920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2944, 52.9424, 64.3843 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(149, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(149, 202, 203)  
}
```

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(149, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 202, 203) }
```

Border

The CSS property to change the border of an element to XYZ 44.2944, 52.9424, 64.3843 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(149, 202, 203) }
```


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

```
.border{ border-color:rgb(149, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(149, 202,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2944, 52.9424, 64.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 202, 203) }
```

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

```
.background{ background-color: rgb(149,  
202, 203) }
```

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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