

Converting Colors

XYZ(44.3149, 50.9647, 59.2873)

Have a look what the booklet for
XYZ(44.3149, 50.9647, 59.2873)
contains.

XYZ(44.2882, 50.9971, 59.1389)	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(44.2882, 50.9971,
59.1389)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C4C3
RGB	161, 196, 195
RGB Percent	63%, 77%, 76%
CMY	0.3686, 0.2314, 0.2353
CMYK	0.18, 0.00, 0.01, 0.23
HSL	178°, 23%, 70%
HSV	178°, 18%, 77%
XYZ	44.2882, 50.9971, 59.1389
YIQ	185.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

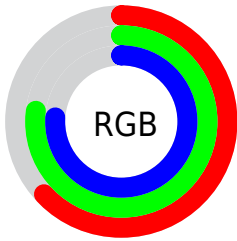
Format	Color
RYB	161, 179, 196
Decimal	10601667
CIELab	76.68, -11.84, -3.39
CIElCh	77, 12.315, 195.988
Yxy	50.9971, 0.2868, 0.3302
Android (android.graphics.Color)	4288791747 (0xFFA1C4C3)
YUV	185.4210, 4.7224, -21.4172
Hunter-Lab	71.4123, -14.2699, 0.8885

Details

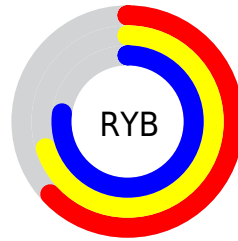
The XYZ color **44.2882, 50.9971, 59.1389** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0333, 39.8355, 39.6583**, and the grayscale version is **46.3324, 48.7453, 53.0837**.

A 20% lighter version of the original color is **81.0149, 91.8778, 105.5597**, and **20.7874, 24.5203, 28.8366** is the 20% darker color. If you saturate the color by 10%, you get **40.5809, 49.0946, 58.6356**, and if you desaturate by 10%, it is **48.6179, 53.2231, 59.6747**.

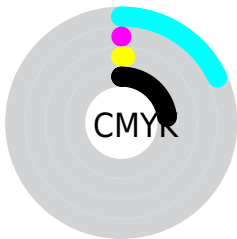
Distribution



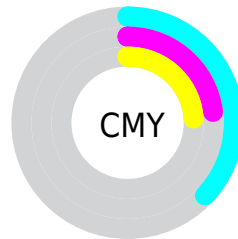
- Red (63%)
- Green (77%)
- Blue (76%)



- Red (63%)
- Yellow (70%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2882, 50.9971, 59.1389 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 44.2882, 50.9971, 59.1389 by changing the saturation by 10% instead.

■ 44.2882, 50.9971,
59.1389

■ 44.2882, 50.9971,
59.1389

354.7154,
390.5525, 439.1327

■ 31.0960, 36.2063,
42.3042

■ 80.8949, 91.6505,
105.1106

■ 20.8242, 24.5936,
29.0122

■ 105.0401,
118.2819, 135.0847

■ 13.1073, 15.7745,
18.8444

133.5671,
149.6289, 170.2757

■ 7.5800, 9.3647,
11.3822

166.8412,
186.0759, 211.1021

■ 3.8769, 4.9798,
6.2071

205.2277,
228.0075, 257.9824

■ 1.6327, 2.2354,
2.9006

249.0920,

■ 0.4136, 0.7392,

275.8078, 311.3353

1.0441

298.7995,
329.8613, 371.5792

■ 0.0000, 0.0000,
0.0000

■ 44.2882, 50.9971,
59.1389

■ 44.2882, 50.9971,
59.1389

■ 40.5809, 49.0946,
58.6356

■ 48.6179, 53.2231,
59.6747

■ 37.4627, 47.4944,
58.1600

■ 53.5925, 55.7802,
60.2409

■ 34.9041, 46.1827,
57.7119

■ 59.2386, 58.6835,
60.8398

■ 32.8713, 45.1419,
57.2896

■ 65.5804, 61.9454,
61.4724

■ 31.3266, 44.3529,
56.8914

■ 71.1519, 64.8102,
62.0703

■ 30.2276, 43.7935,
56.5153

■ 71.2168, 64.8361,
62.4117

■ 29.5245, 43.4382,
56.1590

■ 71.2818, 64.8621,
62.7544

■ 29.1434, 43.2488,
55.8190

■ 71.3472, 64.8883,
63.0984

■ 29.0776, 43.2165,
55.7470

■ 71.4127, 64.9145,
63.4436

Harmonies

Analogous

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



44.2505, 50.9971, 52.4762



44.2882, 50.9971, 59.1389



45.4227, 50.9971, 65.2818

Triad

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



44.2882, 50.9971, 59.1389



51.7673, 50.9971, 64.9338



49.5648, 50.9971, 43.9789

Complementary

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



44.2882, 50.9971, 59.1389



42.0333, 39.8355, 39.6583

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.



51.6532, 50.9971, 46.7961



44.2882, 50.9971, 59.1389



52.9521, 50.9971, 58.6942

Square

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



44.2882, 50.9971, 59.1389



49.7164, 50.9971, 68.8062



52.9097, 50.9971, 52.0656



47.2470, 50.9971, 44.0770

Rectangle

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



44.2882, 50.9971, 59.1389



46.6698, 50.9971, 68.0997



52.9097, 50.9971, 52.0656



50.3184, 50.9971, 44.6059

Sweetspot

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



44.2897, 50.9992, 59.1400



90.4551, 97.6380, 108.3782



41.1086, 49.7541, 41.1559



19.2281, 20.8302, 23.1820



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.



44.2897, 50.9992, 59.1400



77.7725, 91.1215, 106.8071



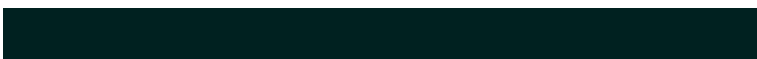
40.9173, 44.0723, 58.5773



10.3557, 11.4233, 12.8763



18.6885, 27.7695, 35.8484



0.8115, 1.2014, 1.5699

Inverse Universe

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



42.0333, 39.8355, 39.6583



73.0093, 67.5545, 65.6814



44.9879, 45.8869, 40.2050



10.0846, 10.0825, 10.5362



14.6527, 7.5508, 0.8174



0.6372, 0.3279, 0.0570

Previews

White Background



This preview shows how the XYZ color 44.2882, 50.9971, 59.1389 looks on a white background.

Color Contrast Check

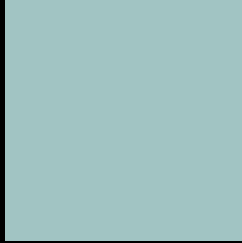
Large Text (above 18pt) WCAG AA × Fail

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 44.2882, 50.9971, 59.1389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

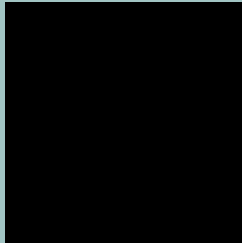
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2882, 50.9971, 59.1389

Background



This preview shows how black text looks on a background with the XYZ color 44.2882, 50.9971, 59.1389.



This preview shows how white text looks on a background with the XYZ color 44.2882, 50.9971,

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

44.2882, 50.9971, 59.1389

Protanopia

49.0157, 50.8906, 55.9547

Deuteranopia

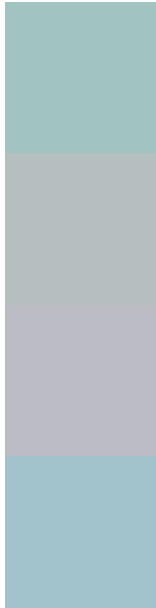
51.7551, 50.6407, 60.4729



Tritanopia

46.1103, 51.0795, 67.7507

Trichromacy



Original Color

44.2882, 50.9971, 59.1389

Protanomaly

47.2013, 50.8911, 57.2044

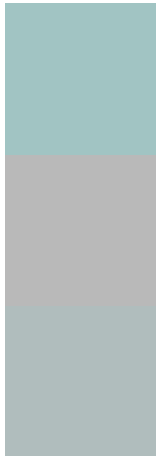
Deuteranomaly

48.8003, 50.6890, 60.0352

Tritanomaly

45.5184, 51.1764, 64.6057

Monochromacy



Original Color

44.2882, 50.9971, 59.1389

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.2874, 49.2994, 55.2730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2882, 50.9971, 59.1389 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(161, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 195)  
}
```

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(161, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.2882, 50.9971, 59.1389 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(161, 196, 195) }
```


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

```
.border{ border-color:rgb(161, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(161, 196,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2882, 50.9971, 59.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 195) }
```

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

```
.background{ background-color: rgb(161,  
196, 195) }
```

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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