

Converting Colors

XYZ(43.9666, 50.7651, 58.8817)

Have a look what the booklet for
XYZ(43.9666, 50.7651, 58.8817)
contains.

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Color

**XYZ(44.0875, 50.8936,
59.1295)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C4C3
RGB	160, 196, 195
RGB Percent	63%, 77%, 76%
CMY	0.3725, 0.2314, 0.2353
CMYK	0.18, 0.00, 0.01, 0.23
HSL	178°, 23%, 70%
HSV	178°, 18%, 77%
XYZ	44.0875, 50.8936, 59.1295
YIQ	185.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

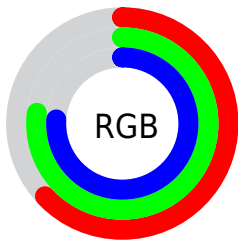
Format	Color
RYB	160, 178, 196
Decimal	10536131
CIELab	76.61, -12.15, -3.49
CIELCh	77, 12.646, 196.027
Yxy	50.8936, 0.2861, 0.3302
Android (android.graphics.Color)	4288726211 (0xFFA0C4C3)
YUV	185.1220, 4.8699, -22.0320
Hunter-Lab	71.3398, -14.5327, 0.7957

Details

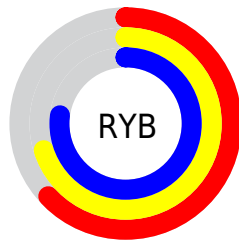
The XYZ color **44.0875, 50.8936, 59.1295** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7707, 39.4521, 39.1340**, and the grayscale version is **46.1654, 48.5695, 52.8922**.

A 20% lighter version of the original color is **80.7203, 91.7259, 105.5459**, and **20.6651, 24.4572, 28.8309** is the 20% darker color. If you saturate the color by 10%, you get **40.4127, 49.0077, 58.6369**, and if you desaturate by 10%, it is **48.3832, 53.1023, 59.6545**.

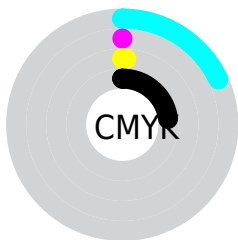
Distribution



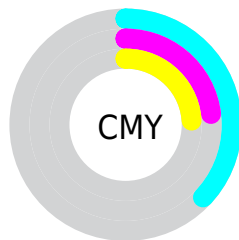
- Red (63%)
- Green (77%)
- Blue (76%)



- 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 44.0875, 50.8936, 59.1295 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 44.0875, 50.8936, 59.1295 by changing the saturation by 10% instead.

■ 44.0875, 50.8936,
59.1295

■ 44.0875, 50.8936,
59.1295

353.9114,
390.1503, 439.0969

■ 30.9375, 36.1239,
42.2967

■ 80.5949, 91.4975,
105.0968

■ 20.7029, 24.5299,
29.0064

■ 104.6831,
118.1005, 135.0684

■ 13.0182, 15.7272,
18.8400

133.1480,
149.4167, 170.2567

■ 7.5182, 9.3313,
11.3791

166.3550,
185.8306, 211.0801

■ 3.8374, 4.9579,
6.2051

204.6695,
227.7265, 257.9573

■ 1.6106, 2.2226,
2.8994

248.4568,

■ 0.3993, 0.7323,

275.4888, 311.3069

1.0435

298.0824,
329.5019, 371.5472

■ 0.0000, 0.0000,
0.0000

■ 44.0875, 50.8936,
59.1295

■ 44.0875, 50.8936,
59.1295

■ 40.4127, 49.0077,
58.6369

■ 48.3832, 53.1023,
59.6545

■ 37.3256, 47.4233,
58.1720

■ 53.3224, 55.6414,
60.2096

■ 34.7965, 46.1265,
57.7343

■ 58.9319, 58.5260,
60.7974

■ 32.7912, 45.0998,
57.3223

■ 65.2358, 61.7685,
61.4188

■ 31.2720, 44.3237,
56.9342

■ 71.1429, 64.8065,
62.0228

■ 30.1962, 43.7760,
56.5681

■ 71.2059, 64.8317,
62.3545

■ 29.5134, 43.4310,
56.2215

■ 71.2691, 64.8570,
62.6874

■ 29.1446, 43.2478,
55.8908

■ 71.3325, 64.8824,
63.0215

■ 29.0948, 43.2233,
55.8374

■ 71.3962, 64.9078,
63.3568

Harmonies

Analogous

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



44.0474, 50.8936, 52.2957



44.0875, 50.8936, 59.1295



45.2506, 50.8936, 65.4399

Triad

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



44.0875, 50.8936, 59.1295



51.7573, 50.8936, 65.0678



49.4914, 50.8936, 43.5948

Complementary

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



44.0875, 50.8936, 59.1295



41.7707, 39.4521, 39.1340

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.



51.6355, 50.8936, 46.4691



44.0875, 50.8936, 59.1295



52.9725, 50.8936, 58.6548

Square

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



44.0875, 50.8936, 59.1295



49.6532, 50.8936, 69.0564



52.9272, 50.8936, 51.8584



47.1147, 50.8936, 43.6990

Rectangle

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



44.0875, 50.8936, 59.1295



46.5289, 50.8936, 68.3363



52.9272, 50.8936, 51.8584



50.2649, 50.8936, 44.2338

Sweetspot

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



44.0890, 50.8957, 59.1306



89.5749, 97.1854, 108.2860



40.8250, 49.6179, 40.6842



19.0508, 20.7390, 23.1636



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.



44.0890, 50.8957, 59.1306



77.0861, 90.7682, 106.7514



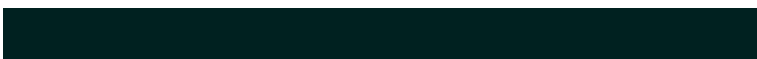
40.6228, 43.7812, 58.5366



10.3560, 11.4235, 12.8782



18.6994, 27.7738, 35.9057



0.8118, 1.2016, 1.5718

Inverse Universe

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



41.7707, 39.4521, 39.1340



72.1199, 66.2526, 63.9144



44.7946, 45.6410, 39.7074



10.0843, 10.0823, 10.5345



14.6520, 7.5506, 0.8137



0.6371, 0.3278, 0.0562

Previews

White Background



This preview shows how the XYZ color 44.0875, 50.8936, 59.1295 looks on a white background.

Color Contrast Check

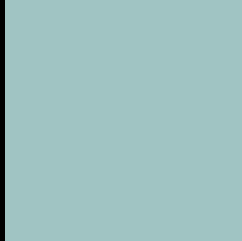
Large Text (above 18pt) WCAG AA × Fail

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 44.0875, 50.8936, 59.1295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

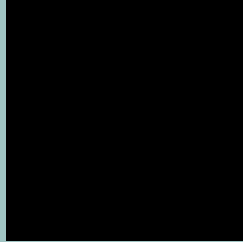
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0875, 50.8936, 59.1295

Background



This preview shows how black text looks on a background with the XYZ color 44.0875, 50.8936, 59.1295.

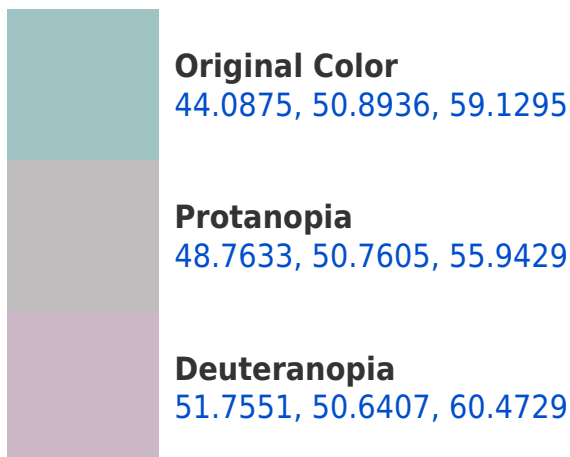


This preview shows how white text looks on a background with the XYZ color 44.0875, 50.8936,

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

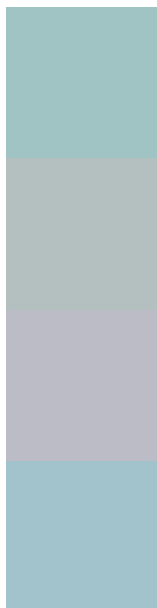




Tritanopia

45.9047, 50.9736, 67.7410

Trichromacy



Original Color

44.0875, 50.8936, 59.1295

Protanomaly

46.9676, 50.7707, 57.1934

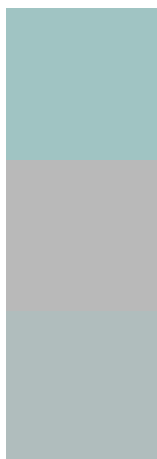
Deuteranomaly

48.5548, 50.5625, 60.0237

Tritanomaly

45.3145, 51.0712, 64.5961

Monochromacy



Original Color

44.0875, 50.8936, 59.1295

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 44.0875, 50.8936, 59.1295 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(160, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 196, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.0875, 50.8936, 59.1295 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(160, 196, 195) }
```


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

```
.border{ border-color:rgb(160, 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(160, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(160, 196,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0875, 50.8936, 59.1295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 196, 195) }
```

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

```
.background{ background-color: rgb(160,  
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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