

Converting Colors

XYZ(31.4350, 44.3801, 42.9858)

Have a look what the booklet for
XYZ(31.4350, 44.3801, 42.9858)
contains.

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Color

**XYZ(31.4350, 44.3801,
42.9858)**

Conversions

Conversions Part 1

Format	Color
Hex	62C3A6
RGB	98, 195, 166
RGB Percent	38%, 76%, 65%
CMY	0.6157, 0.2353, 0.3490
CMYK	0.50, 0.00, 0.15, 0.24
HSL	162°, 45%, 57%
HSV	162°, 50%, 76%
XYZ	31.4350, 44.3801, 42.9858
YIQ	162.6910, -48.5030, -29.5830

Conversions

Conversions Part 2

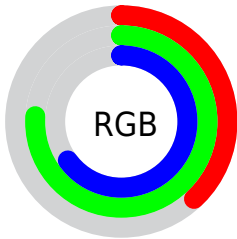
Format	Color
RYB	98, 155, 195
Decimal	6472614
CIELab	72.48, -35.61, 5.84
CIElCh	72, 36.086, 170.692
Yxy	44.3801, 0.2646, 0.3736
Android (android.graphics.Color)	4284662694 (0xFF62C3A6)
YUV	162.6910, 1.6313, -56.7340
Hunter-Lab	66.6184, -32.3540, 8.3757

Details

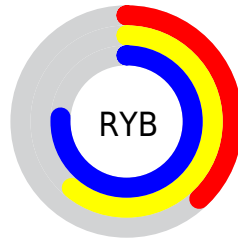
The XYZ color **31.4350, 44.3801, 42.9858** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.7056, 21.8708, 22.6833**, and the grayscale version is **34.6770, 36.4829, 39.7299**.

A 20% lighter version of the original color is **61.1880, 81.7113, 80.9535**, and **13.3251, 20.6580, 19.2047** is the 20% darker color. If you saturate the color by 10%, you get **29.0592, 43.2169, 40.1464**, and if you desaturate by 10%, it is **34.3500, 45.8208, 45.9790**.

Distribution



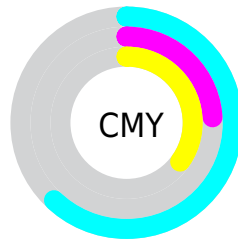
- Red (38%)
- Green (76%)
- Blue (65%)



- Red (38%)
- Yellow (61%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





- Cyan (62%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4350, 44.3801, 42.9858 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 31.4350, 44.3801, 42.9858 by changing the saturation by 10% instead.


 31.4350, 44.3801,
42.9858


 31.4350, 44.3801,
42.9858


300.3286,
364.2571, 374.4729


 21.0838, 30.9694,
29.5427


 61.2955, 81.7894,
80.9756


 13.2981, 20.5756,
19.2426


 81.5354, 106.5568,
106.3593

 7.7125, 12.8141,
11.6671


 105.8024,
135.8786, 136.5602

 3.9618, 7.3007,
6.3977

 134.4616,
170.1392, 171.9970

 1.6805, 3.6508,
3.0157

167.8784,
209.7229, 213.0881

 0.4440, 1.4802,
1.1027

206.4183,

 0.0000, 0.2748,

255.0142, 260.2521

0.0000

250.4466,
306.3975, 313.9075

■ 0.0000, 0.0000,
0.0000

■ 31.4350, 44.3801,
42.9858

■ 31.4350, 44.3801,
42.9858

■ 29.0592, 43.2169,
40.1464

■ 34.3500, 45.8208,
45.9790

■ 27.1808, 42.3062,
37.4542

■ 37.8349, 47.5513,
49.1261

■ 25.7575, 41.6274,
34.9066


■ 41.9224, 49.5895,
52.4312


■ 24.7382, 41.1541,
32.4994


■ 46.6417, 51.9505,
55.8973


■ 24.0268, 40.8369,
30.2264


■ 52.0197, 54.6483,
59.5271

 24.0098, 40.8294,
30.1697

 58.0822, 57.6959,
63.3234

 64.8533, 61.1057,
67.2887

 72.3560, 64.8897,
71.4257

 73.4730, 65.3787,
75.4027

Harmonies

Analogous

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



33.5791, 44.3801, 29.6920



31.4350, 44.3801, 42.9858



31.9430, 44.3801, 61.4803

Triad

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



31.4350, 44.3801, 42.9858



46.5559, 44.3801, 88.0239



50.2307, 44.3801, 26.3493

Complementary

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



31.4350, 44.3801, 42.9858



30.7056, 21.8708, 22.6833

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.



54.4038, 44.3801, 37.1900



31.4350, 44.3801, 42.9858



52.1414, 44.3801, 73.4630

Square

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



31.4350, 44.3801, 42.9858



40.2749, 44.3801, 90.6761



55.1355, 44.3801, 54.0833



44.1483, 44.3801, 21.7672

Rectangle

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



31.4350, 44.3801, 42.9858



33.7391, 44.3801, 74.3057



55.1355, 44.3801, 54.0833



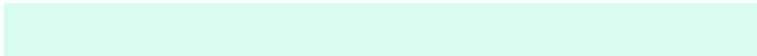
51.9274, 44.3801, 29.2354

Sweetspot

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



31.4362, 44.3819, 42.9868



78.7501, 90.6463, 96.6654



30.4883, 44.4336, 18.5255



16.8561, 19.6559, 20.8786



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.



31.4362, 44.3819, 42.9868



51.5989, 77.1823, 71.3138



30.3357, 37.4324, 57.2582



10.2361, 11.3755, 12.2465



15.6429, 26.5512, 19.8107



0.7051, 1.1589, 1.0097

Inverse Universe

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



30.7056, 21.8708, 22.6833



50.1689, 32.1667, 30.8679



31.1196, 25.3010, 14.7992



10.1944, 10.1264, 11.1141



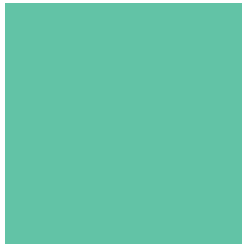
15.1617, 7.7544, 3.4974



0.6863, 0.3475, 0.3155

Previews

White Background



This preview shows how the XYZ color 31.4350, 44.3801, 42.9858 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 31.4350, 44.3801, 42.9858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

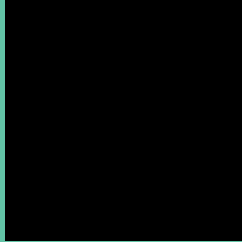
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4350, 44.3801, 42.9858

Background



This preview shows how black text looks on a background with the XYZ color 31.4350, 44.3801, 42.9858.

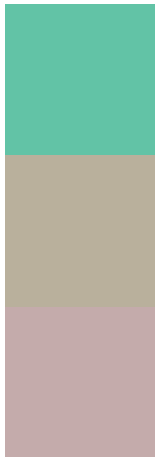


This preview shows how white text looks on a background with the XYZ color 31.4350, 44.3801,

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

31.4350, 44.3801, 42.9858

Protanopia

41.5337, 43.7653, 37.7110

Deuteranopia

44.6785, 43.8019, 44.6279



Tritanopia

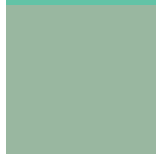
35.7396, 44.4859, 64.4606

Trichromacy



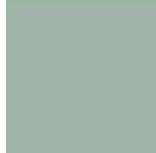
Original Color

31.4350, 44.3801, 42.9858



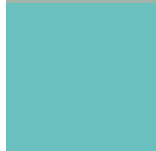
Protanomaly

36.4155, 43.1773, 39.6725



Deuteranomaly

37.9799, 42.9807, 43.8305



Tritanomaly

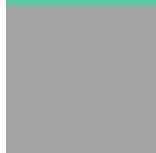
34.0793, 44.4641, 56.0765

Monochromacy



Original Color

31.4350, 44.3801, 42.9858



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.6783, 38.8292, 40.8944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4350, 44.3801, 42.9858 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(98, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(98, 195, 166)  
}
```

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(98, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 195, 166) }
```

Border

The CSS property to change the border of an element to XYZ 31.4350, 44.3801, 42.9858 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(98, 195, 166) }
```


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

```
.border{ border-color:rgb(98, 195, 166) }
```

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

Here you see how a box with a 4 pixel rgb(98, 195, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(98, 195,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4350, 44.3801, 42.9858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 195, 166) }
```

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

```
.background{ background-color: rgb(98, 195,  
166) }
```

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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