

Converting Colors

XYZ(31.5622, 44.5029, 44.4390)

Have a look what the booklet for
XYZ(31.5622, 44.5029, 44.4390)
contains.

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Color

**XYZ(31.5004, 44.3816,
44.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	60C3A9
RGB	96, 195, 169
RGB Percent	38%, 76%, 66%
CMY	0.6235, 0.2353, 0.3372
CMYK	0.51, 0.00, 0.13, 0.24
HSL	164°, 45%, 57%
HSV	164°, 51%, 76%
XYZ	31.5004, 44.3816, 44.4424
YIQ	162.4350, -50.6580, -29.0740

Conversions

Conversions Part 2

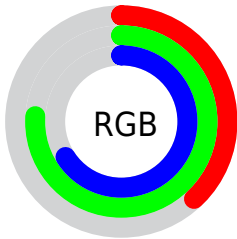
Format	Color
RYB	96, 153, 195
Decimal	6341545
CIELab	72.48, -35.38, 4.20
CIELCh	72, 35.624, 173.230
Yxy	44.3816, 0.2618, 0.3688
Android (android.graphics.Color)	4284531625 (0xFF60C3A9)
YUV	162.4350, 3.2365, -58.2635
Hunter-Lab	66.6195, -32.1821, 7.0808

Details

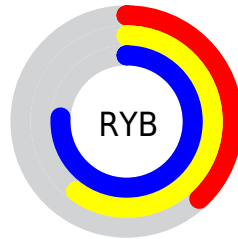
The XYZ color **31.5004, 44.3816, 44.4424** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.2029, 21.3741, 20.9477**, and the grayscale version is **34.5501, 36.3493, 39.5844**.

A 20% lighter version of the original color is **61.4018, 81.7749, 83.0689**, and **13.3954, 20.6742, 20.1141** is the 20% darker color. If you saturate the color by 10%, you get **29.2265, 43.2649, 41.8757**, and if you desaturate by 10%, it is **34.3045, 45.7716, 47.1342**.

Distribution



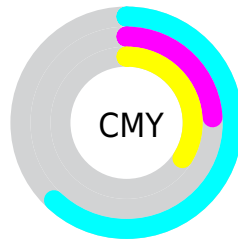
- Red (38%)
- Green (76%)
- Blue (66%)



- Red (38%)
- Yellow (60%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)





- Cyan (62%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5004, 44.3816, 44.4424 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 31.5004, 44.3816, 44.4424 by changing the saturation by 10% instead.


 31.5004, 44.3816,
44.4424


 31.5004, 44.3816,
44.4424


300.6230,
364.2632, 380.6046


 21.1339, 30.9706,
30.6787


 61.3975, 81.7917,
83.1926


 13.3349, 20.5765,
20.0979


 81.6589, 106.5595,
109.0162

 7.7382, 12.8148,
12.2815


 105.9492,
135.8818, 139.6968

 3.9783, 7.3011,
6.8108

 134.6339,
170.1429, 175.6530

 1.6898, 3.6511,
3.2674

168.0782,
209.7272, 217.3034

 0.4499, 1.4804,
1.2327

206.6476,

 0.0000, 0.2749,

255.0191, 265.0664

0.0057

250.7074,
306.4029, 319.3606

■ 0.0000, 0.0000,
0.0000

■ 31.5004, 44.3816,
44.4424

■ 31.5004, 44.3816,
44.4424

■ 29.2265, 43.2649,
41.8757

■ 34.3045, 45.7716,
47.1342

■ 27.4404, 42.3965,
39.4281

■ 37.6696, 47.4476,
49.9507

■ 26.0995, 41.7554,
37.0974

■ 41.6287, 49.4274,
52.8955

■ 25.1515, 41.3149,
34.8801

■ 46.2108, 51.7263,
55.9710

■ 24.5337, 41.0389,
32.9285

■ 51.4434, 54.3582,
59.1796

■ 57.3519, 57.3362,
62.5234

■ 63.9606, 60.6730,
66.0047

■ 71.2926, 64.3802,
69.6254

■ 73.0340, 65.2030,
73.0911

Harmonies

Analogous

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



33.4054, 44.3816, 30.7603



31.5004, 44.3816, 44.4424



32.2269, 44.3816, 62.9443

Triad

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



31.5004, 44.3816, 44.4424



47.0196, 44.3816, 86.5851



49.6621, 44.3816, 25.9624

Complementary

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



31.5004, 44.3816, 44.4424



30.2029, 21.3741, 20.9477

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.



54.0045, 44.3816, 36.1635



31.5004, 44.3816, 44.4424



52.3783, 44.3816, 71.5529

Square

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



31.5004, 44.3816, 44.4424



40.8053, 44.3816, 90.3388



55.0439, 44.3816, 52.4253



43.5921, 44.3816, 21.8998

Rectangle

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



31.5004, 44.3816, 44.4424



34.1438, 44.3816, 75.4174



55.0439, 44.3816, 52.4253



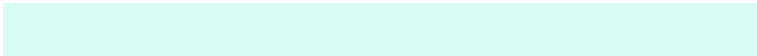
51.3953, 44.3816, 28.6478

Sweetspot

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



31.5016, 44.3834, 44.4434



78.9567, 90.7289, 97.7531



29.7106, 44.0434, 18.0024



16.9073, 19.6764, 21.1482



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.



31.5016, 44.3834, 44.4434



51.9224, 77.2795, 74.4700



29.4090, 35.8955, 57.0103



10.2519, 11.3818, 12.3300



15.9810, 26.6865, 21.5907



0.7176, 1.1639, 1.0754

Inverse Universe

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



30.2029, 21.3741, 20.9477



49.3715, 31.4616, 27.8588



31.2271, 25.6653, 14.3751



10.1794, 10.1204, 11.0352



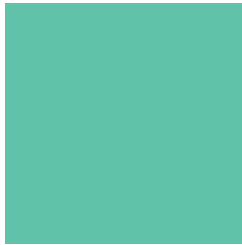
15.0489, 7.7093, 2.9036



0.6797, 0.3449, 0.2808

Previews

White Background



This preview shows how the XYZ color 31.5004, 44.3816, 44.4424 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 31.5004, 44.3816, 44.4424 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

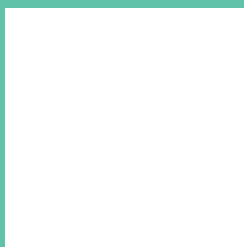
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5004, 44.3816, 44.4424

Background



This preview shows how black text looks on a background with the XYZ color 31.5004, 44.3816, 44.4424.

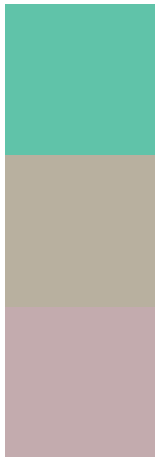


This preview shows how white text looks on a background with the XYZ color 31.5004, 44.3816,

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

31.5004, 44.3816, 44.4424

Protanopia

41.5505, 43.7442, 39.0544

Deuteranopia

44.7086, 43.7839, 46.1391



Tritanopia

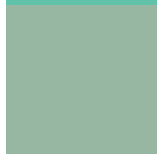
35.4963, 44.3605, 64.4492

Trichromacy



Original Color

31.5004, 44.3816, 44.4424



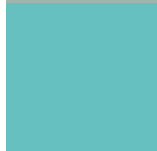
Protanomaly

36.4932, 43.1867, 41.0628



Deuteranomaly

38.0657, 42.9920, 45.3217



Tritanomaly

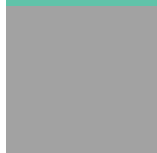
33.9576, 44.3886, 56.6473

Monochromacy



Original Color

31.5004, 44.3816, 44.4424



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

32.4088, 38.3920, 41.2996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5004, 44.3816, 44.4424 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(96, 195, 169)` looks like.

```
.text, #text, p{  
    color:rgb(96, 195, 169)  
}
```

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(96, 195, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 195, 169) }
```

Border

The CSS property to change the border of an element to XYZ 31.5004, 44.3816, 44.4424 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(96, 195, 169) }
```


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

```
.border{ border-color:rgb(96, 195, 169) }
```

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

Here you see how a box with a 4 pixel rgb(96, 195, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 195, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 195, 169);  
box-shadow:4px 4px 4px 4px rgb(96, 195,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5004, 44.3816, 44.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 195, 169) }
```

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

```
.background{ background-color: rgb(96, 195,  
169) }
```

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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