

Converting Colors

XYZ(14.0881, 19.5672, 18.9539)

Have a look what the booklet for
XYZ(14.0881, 19.5672, 18.9539)
contains.

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Color

**XYZ(14.0881, 19.5672,
18.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	468672
RGB	70, 134, 114
RGB Percent	27%, 53%, 45%
CMY	0.7255, 0.4745, 0.5529
CMYK	0.48, 0.00, 0.15, 0.47
HSL	161°, 31%, 40%
HSV	161°, 48%, 53%
XYZ	14.0881, 19.5672, 18.9539
YIQ	112.5840, -31.7240, -19.7880

Conversions

Conversions Part 2

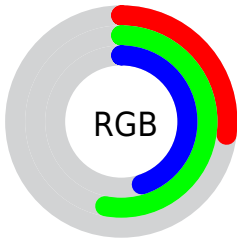
Format	Color
RYB	70, 108, 134
Decimal	4621938
CIELab	51.34, -25.67, 4.44
CIELCh	51, 26.047, 170.187
Yxy	19.5672, 0.2678, 0.3719
Android (android.graphics.Color)	4282812018 (0xFF468672)
YUV	112.5840, 0.6981, -37.3462
Hunter-Lab	44.2348, -20.5615, 5.5596

Details

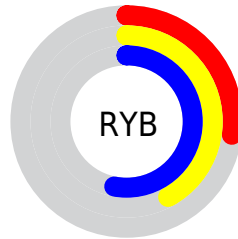
The XYZ color **14.0881, 19.5672, 18.9539** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.8677, 10.1872, 10.9089**, and the grayscale version is **15.5780, 16.3893, 17.8480**.

A 20% lighter version of the original color is **32.8922, 42.8572, 42.6151**, and **4.3197, 6.8196, 6.2429** is the 20% darker color. If you saturate the color by 10%, you get **12.9944, 19.0308, 17.6870**, and if you desaturate by 10%, it is **15.4095, 20.2207, 20.2893**.

Distribution



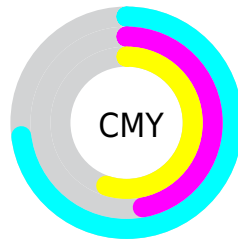
- Red (27%)
- Green (53%)
- Blue (45%)



- Red (27%)
- Yellow (42%)
- Blue (53%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (47%)



- Cyan (73%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0881, 19.5672, 18.9539 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 14.0881, 19.5672, 18.9539 by changing the saturation by 10% instead.

■ 14.0881, 19.5672,
18.9539

■ 14.0881, 19.5672,
18.9539

211.2779,
249.5624, 258.6084

■ 8.2641, 12.0808,
11.4605

■ 32.8302, 42.6904,
42.4918

■ 4.3176, 6.7988,
6.2594

■ 46.4790, 59.0959,
59.3735

■ 1.8833, 3.3366,
2.9321

■ 63.4668, 79.2434,
80.2216

■ 0.5671, 1.3099,
1.0601

■ 84.1590, 103.5171,
105.4547

■ 0.0000, 0.1488,
0.0000

■ 108.9208,
132.3015, 135.4914

■ 0.0000, 0.0000,
0.0000

138.1176,

165.9809, 170.7503

172.1149,
204.9397, 211.6497

■ 14.0881, 19.5672,
18.9539

■ 14.0881, 19.5672,
18.9539

■ 12.9944, 19.0308,
17.6870

■ 15.4095, 20.2207,
20.2893

■ 12.1122, 18.6017,
16.4859

■ 16.9703, 20.9959,
21.6931

■ 11.4255, 18.2721,
15.3493


■ 18.7834, 21.8999,
23.1673


■ 10.9154, 18.0324,
14.2757


■ 20.8602, 22.9384,
24.7129


■ 10.5415, 17.8617,
13.2624


■ 23.2113, 24.1171,
26.3313

 10.4627, 17.8258,
13.0431

 25.8469, 25.4410,
28.0235

 28.7765, 26.9152,
29.7906

 32.0093, 28.5443,
31.6339

 35.5539, 30.3328,
33.5543

Harmonies

Analogous

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



15.0113, 19.5672, 13.3803



14.0881, 19.5672, 18.9539



14.2837, 19.5672, 26.6462

Triad

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



14.0881, 19.5672, 18.9539



20.3798, 19.5672, 37.7952



21.9913, 19.5672, 12.0804

Complementary

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



14.0881, 19.5672, 18.9539



13.8677, 10.1872, 10.9089

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.



23.7039, 19.5672, 16.7305



14.0881, 19.5672, 18.9539



22.7149, 19.5672, 31.8677

Square

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



14.0881, 19.5672, 18.9539



17.7578, 19.5672, 38.7871



23.9804, 19.5672, 23.8437



19.4644, 19.5672, 10.0698

Rectangle

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



14.0881, 19.5672, 18.9539



15.0295, 19.5672, 31.9616



23.9804, 19.5672, 23.8437



22.6909, 19.5672, 13.3278

Sweetspot

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



14.0886, 19.5680, 18.9544



34.3033, 39.1883, 41.7428



13.8736, 19.6803, 8.8620



7.5801, 8.7548, 9.2917



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0886, 19.5680, 18.9544



22.8089, 33.4874, 31.0545



13.8217, 17.0087, 25.1097



4.7413, 5.2548, 5.6490



9.8096, 16.7067, 12.2488



0.0373, 0.0592, 0.0598

Inverse Universe

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



13.8677, 10.1872, 10.9089



22.3817, 14.9321, 15.1889



13.9348, 11.5054, 7.2808



4.7281, 4.7109, 5.1805



9.6076, 4.9074, 2.5061



0.0363, 0.0182, 0.0245

Previews

White Background



This preview shows how the XYZ color 14.0881, 19.5672, 18.9539 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0881, 19.5672, 18.9539 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 × Fail

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

XYZ 14.0881, 19.5672, 18.9539

Background



This preview shows how black text looks on a background with the XYZ color 14.0881, 19.5672, 18.9539.

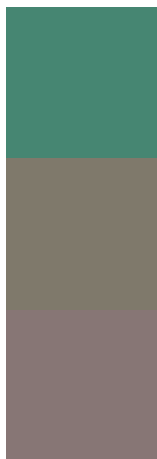


This preview shows how white text looks on a background with the XYZ color 14.0881, 19.5672, 18.9539.

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

14.0881, 19.5672, 18.9539

Protanopia

18.2436, 19.2483, 16.6637

Deuteranopia

19.6810, 19.3921, 19.5354



Tritanopia

15.9322, 19.5081, 28.1250

Trichromacy



Original Color

14.0881, 19.5672, 18.9539

Protanomaly

16.2192, 19.1117, 17.5859

Deuteranomaly

16.9156, 19.0558, 19.3096

Tritanomaly

15.1147, 19.3671, 24.4143

Monochromacy



Original Color

14.0881, 19.5672, 18.9539

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.7478, 17.4084, 18.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0881, 19.5672, 18.9539 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(70, 134, 114)` looks like.

```
.text, #text, p{  
    color:rgb(70, 134, 114)  
}
```

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(70, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 134, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.0881, 19.5672, 18.9539 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(70, 134, 114) }
```


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

```
.border{ border-color:rgb(70, 134, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 134, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(70, 134,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0881, 19.5672, 18.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 134, 114) }
```

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

```
.background{ background-color: rgb(70, 134,  
114) }
```

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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