

Converting Colors

XYZ(19.0642, 21.4338, 16.5292)

Have a look what the booklet for
XYZ(19.0642, 21.4338, 16.5292)
contains.

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Color

**XYZ(18.9899, 21.3452,
16.4838)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8269
RGB	125, 130, 105
RGB Percent	49%, 51%, 41%
CMY	0.5098, 0.4902, 0.5882
CMYK	0.04, 0.00, 0.19, 0.49
HSL	72°, 11%, 46%
HSV	72°, 19%, 51%
XYZ	18.9899, 21.3452, 16.4838
YIQ	125.6550, 5.0450, -8.8350

Conversions

Conversions Part 2

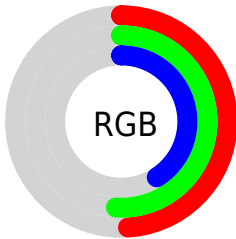
Format	Color
R_{YB}	105, 130, 110
Decimal	8225385
CIE Lab	53.33, -6.51, 12.93
CIE LCh	53, 14.481, 116.733
Yxy	21.3452, 0.3342, 0.3757
Android (android.graphics.Color)	4286415465 (0xFF7D8269)
YUV	125.6550, -10.1829, -0.5744
Hunter-Lab	46.2009, -7.4828, 11.1868

Details

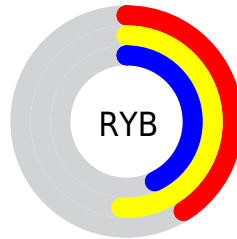
The XYZ color **18.9899, 21.3452, 16.4838** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5122, 15.0305, 23.2039**, and the grayscale version is **19.7468, 20.7752, 22.6242**.

A 20% lighter version of the original color is **41.2943, 45.7323, 38.1033**, and **6.6866, 7.7268, 5.1420** is the 20% darker color. If you saturate the color by 10%, you get **17.9975, 20.9057, 13.2121**, and if you desaturate by 10%, it is **20.0955, 21.8326, 20.2950**.

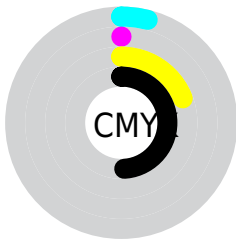
Distribution



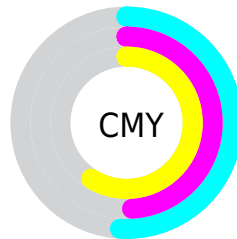
- Red (49%)
- Green (51%)
- Blue (41%)



- Red (41%)
- Yellow (51%)
- Blue (43%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9899, 21.3452, 16.4838 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 18.9899, 21.3452, 16.4838 by changing the saturation by 10% instead.

■ 18.9899, 21.3452,
16.4838

■ 18.9899, 21.3452,
16.4838

239.3322,
259.1074, 244.1223

■ 11.7669, 13.3766,
9.7091

■ 41.2340, 45.6613,
38.2145

■ 6.6563, 7.6884,
5.1034

■ 56.9859, 62.7776,
54.0076

■ 3.2925, 3.8962,
2.2483

■ 76.3115, 83.7119,
73.6439

■ 1.3103, 1.6157,
0.7020

■ 99.5761, 108.8486,
97.5419

■ 0.1909, 0.3681,
0.0000

127.1452,
138.5721, 126.1202

■ 0.0000, 0.0000,
0.0000

159.3839,

173.2668, 159.7973

196.6578,
213.3171, 198.9918

■ 18.9899, 21.3452,
16.4838

■ 18.9899, 21.3452,
16.4838

■ 17.9975, 20.9057,
13.2121

■ 20.0955, 21.8326,
20.2950

■ 17.1121, 20.5093,
10.4540

■ 21.3171, 22.3669,
24.6671

■ 16.3290, 20.1550,
8.1840

■ 22.6594, 22.9505,
29.6221

■ 15.6427, 19.8406,
6.3733

■ 24.1263, 23.5853,
35.1803

■ 15.0473, 19.5637,
4.9905

■ 25.7216, 24.2725,
41.3611

■ 14.5359, 19.3214,
4.0001

■ 27.4488, 25.0137,
48.1830

■ 14.1006, 19.1107,
3.3610

■ 29.3115, 25.8103,
55.6638

■ 13.7194, 18.9227,
2.9580

■ 31.3129, 26.6636,
63.8205

■ 13.6907, 18.9086,
2.9281

■ 33.4562, 27.5749,
72.6695

Harmonies

Analogous

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



20.4565, 21.3452, 15.7867



18.9899, 21.3452, 16.4838



17.9204, 21.3452, 18.9087

Triad

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



18.9899, 21.3452, 16.4838



18.7126, 21.3452, 31.0438



23.3775, 21.3452, 23.7261

Complementary

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



18.9899, 21.3452, 16.4838



15.5122, 15.0305, 23.2039

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.



22.8554, 21.3452, 28.1898



18.9899, 21.3452, 16.4838



20.1203, 21.3452, 32.7360

Square

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



18.9899, 21.3452, 16.4838



17.7661, 21.3452, 27.2520



21.6439, 21.3452, 31.6314



23.0379, 21.3452, 19.6448

Rectangle

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



18.9899, 21.3452, 16.4838



17.5504, 21.3452, 21.3561



21.6439, 21.3452, 31.6314



23.2963, 21.3452, 25.2343

Sweetspot

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



18.9905, 21.3461, 16.4843



36.0316, 38.7290, 38.0154



17.3324, 16.9183, 15.7170



8.1312, 8.7554, 8.5180



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.9905, 21.3461, 16.4843



32.6682, 37.2477, 26.4432



17.2791, 20.4639, 16.4042



4.5837, 4.9774, 4.6393



13.1321, 18.1322, 2.8077



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5122, 15.0305, 23.2039



25.3961, 24.0419, 40.4945



17.1786, 15.8896, 23.2819



4.1830, 4.2500, 5.4131



4.2771, 1.7586, 20.3640



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.9899, 21.3452, 16.4838 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 18.9899, 21.3452, 16.4838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

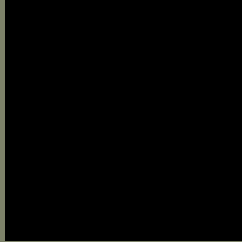
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.9899, 21.3452, 16.4838

Background



This preview shows how black text looks on a background with the XYZ color 18.9899, 21.3452, 16.4838.



This preview shows how white text looks on a background with the XYZ color 18.9899, 21.3452,

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

18.9899, 21.3452, 16.4838

Protanopia

20.0797, 21.3291, 16.1553

Deuteranopia

21.6460, 21.1836, 16.8579



Tritanopia

20.9580, 21.3664, 26.3121

Trichromacy



Original Color

18.9899, 21.3452, 16.4838

Protanomaly

19.5779, 21.2631, 16.1690

Deuteranomaly

20.5826, 21.1968, 16.6422

Tritanomaly

20.1931, 21.2486, 22.4391

Monochromacy



Original Color

18.9899, 21.3452, 16.4838

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.4636, 20.9224, 20.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9899, 21.3452, 16.4838 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(125, 130, 105)` looks like.

```
.text, #text, p{  
    color:rgb(125, 130, 105)  
}
```

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(125, 130, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 130, 105) }
```

Border

The CSS property to change the border of an element to XYZ 18.9899, 21.3452, 16.4838 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(125, 130, 105) }
```


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

```
.border{ border-color:rgb(125, 130, 105) }
```

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

Here you see how a box with a 4 pixel rgb(125, 130, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 130, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 130, 105);  
box-shadow:4px 4px 4px 4px rgb(125, 130,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9899, 21.3452, 16.4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 130, 105) }
```

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

```
.background{ background-color: rgb(125,  
130, 105) }
```

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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