

Converting Colors

XYZ(22.0062, 26.0034, 16.2162)

Have a look what the booklet for
XYZ(22.0062, 26.0034, 16.2162)
contains.

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Color

**XYZ(21.9901, 26.0959,
16.1899)**

Conversions

Conversions Part 1

Format	Color
Hex	849165
RGB	132, 145, 101
RGB Percent	52%, 57%, 40%
CMY	0.4824, 0.4314, 0.6039
CMYK	0.09, 0.00, 0.30, 0.43
HSL	78°, 18%, 48%
HSV	78°, 30%, 57%
XYZ	21.9901, 26.0959, 16.1899
YIQ	136.0970, 6.3760, -16.4400

Conversions

Conversions Part 2

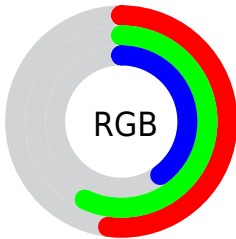
Format	Color
RYB	101, 145, 114
Decimal	8687973
CIELab	58.13, -12.57, 21.85
CIElCh	58, 25.208, 119.906
Yxy	26.0959, 0.3421, 0.4060
Android (android.graphics.Color)	4286878053 (0xFF849165)
YUV	136.0970, -17.3028, -3.5931
Hunter-Lab	51.0841, -12.5587, 16.9684

Details

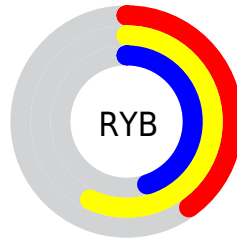
The XYZ color **21.9901, 26.0959, 16.1899** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.7049, 14.9298, 28.7908**, and the grayscale version is **23.4998, 24.7236, 26.9240**.

A 20% lighter version of the original color is **46.3406, 53.5529, 37.6001**, and **8.2377, 10.2446, 5.0333** is the 20% darker color. If you saturate the color by 10%, you get **20.6853, 25.4990, 12.7419**, and if you desaturate by 10%, it is **23.4492, 26.7594, 20.3006**.

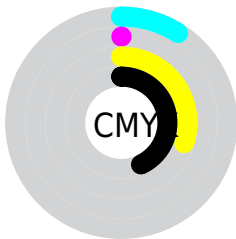
Distribution



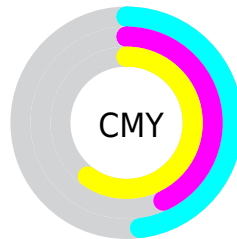
- Red (52%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9901, 26.0959, 16.1899 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 21.9901, 26.0959, 16.1899 by changing the saturation by 10% instead.

■ 21.9901, 26.0959,
16.1899

■ 21.9901, 26.0959,
16.1899

255.1279,
283.2525, 242.3435

■ 13.9662, 16.8954,
9.5028

■ 46.2086, 53.4296,
37.6989

■ 8.1787, 10.1599,
4.9693

■ 63.1339, 72.3316,
53.3580

■ 4.2623, 5.5051,
2.1708

■ 83.7571, 95.2362,
72.8447

■ 1.8516, 2.5466,
0.6575

■ 108.4434,
122.5279, 96.5778

■ 0.5484, 0.8999,
0.0000

137.5583,
154.5909, 124.9757

■ 0.0000, 0.0000,
0.0000

171.4671,

191.8098, 158.4569

210.5352,
234.5689, 197.4400

■ 21.9901, 26.0959,
16.1899

■ 21.9901, 26.0959,
16.1899

■ 20.6853, 25.4990,
12.7419

■ 23.4492, 26.7594,
20.3006

■ 19.5258, 24.9625,
9.9201

■ 25.0669, 27.4888,
25.1045

■ 18.5048, 24.4845,
7.6873


■ 26.8501, 28.2875,
30.6322


■ 17.6139, 24.0617,
6.0015


■ 28.8042, 29.1579,
36.9120

■ 16.8439, 23.6902,
4.8151


■ 30.9348, 30.1023,
43.9707


 16.1837, 23.3656,
4.0725

 33.2470, 31.1226,
51.8338

 15.6229, 23.0856,
3.6326

 35.7457, 32.2209,
60.5256

 38.4355, 33.3991,
70.0694

 41.3211, 34.6591,
80.4874

Harmonies

Analogous

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



24.8130, 26.0959, 14.6995



21.9901, 26.0959, 16.1899



20.0630, 26.0959, 20.7902

Triad

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



21.9901, 26.0959, 16.1899



21.9747, 26.0959, 45.5837



31.1491, 26.0959, 28.4415

Complementary

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



21.9901, 26.0959, 16.1899



16.7049, 14.9298, 28.7908

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.



30.2371, 26.0959, 37.7052



21.9901, 26.0959, 16.1899



24.7938, 26.0959, 48.7604

Square

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



21.9901, 26.0959, 16.1899



20.0547, 26.0959, 37.6477



27.8469, 26.0959, 45.6214



30.2480, 26.0959, 20.8289

Rectangle

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



21.9901, 26.0959, 16.1899



19.4611, 26.0959, 25.5681



27.8469, 26.0959, 45.6214



31.0435, 26.0959, 31.4636

Sweetspot

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



21.9908, 26.0971, 16.1905



45.2433, 49.3850, 46.0351



19.9842, 18.8748, 14.9022



9.9754, 10.9460, 9.9687



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.9908, 26.0971, 16.1905



37.8521, 46.0347, 24.9052



18.9722, 24.5409, 16.0492



5.6865, 6.2065, 5.7876



13.4263, 19.8141, 3.1169



0.1505, 0.2008, 0.0308

Inverse Universe

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



16.7049, 14.9298, 28.7908



26.9197, 22.9284, 50.9804



19.8323, 16.5420, 28.9371



5.2701, 5.3274, 6.7793



5.2564, 2.2034, 23.1253



0.0702, 0.0314, 0.2220

Previews

White Background



This preview shows how the XYZ color 21.9901, 26.0959, 16.1899 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 21.9901, 26.0959, 16.1899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

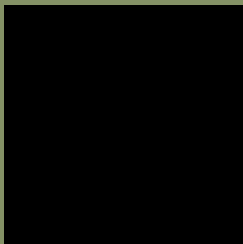
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9901, 26.0959, 16.1899

Background



This preview shows how black text looks on a background with the XYZ color 21.9901, 26.0959, 16.1899.



This preview shows how white text looks on a background with the XYZ color 21.9901, 26.0959,

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

21.9901, 26.0959, 16.1899

Protanopia

24.0624, 25.8501, 15.5257

Deuteranopia

26.4903, 26.0288, 16.4598



Tritanopia

25.3851, 26.1562, 32.5649

Trichromacy



Original Color

21.9901, 26.0959, 16.1899

Protanomaly

23.1528, 25.8095, 15.8180

Deuteranomaly

24.6236, 25.9086, 16.2734

Tritanomaly

23.8431, 25.9499, 25.5820

Monochromacy



Original Color

21.9901, 26.0959, 16.1899

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.7994, 25.0462, 22.3716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9901, 26.0959, 16.1899 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(132, 145, 101)` looks like.

```
.text, #text, p{  
    color:rgb(132, 145, 101)  
}
```

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(132, 145, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 145, 101) }
```

Border

The CSS property to change the border of an element to XYZ 21.9901, 26.0959, 16.1899 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(132, 145, 101) }
```


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

```
.border{ border-color:rgb(132, 145, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 145, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 145, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 145, 101);  
box-shadow:4px 4px 4px 4px rgb(132, 145,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9901, 26.0959, 16.1899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 145, 101) }
```

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

```
.background{ background-color: rgb(132,  
145, 101) }
```

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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