

Converting Colors

XYZ(18.9376, 21.9487, 15.2916)

Have a look what the booklet for
XYZ(18.9376, 21.9487, 15.2916)
contains.

XYZ(19.0000, 21.9802, 15.2978)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0000, 21.9802,
15.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8564
RGB	124, 133, 100
RGB Percent	49%, 52%, 39%
CMY	0.5137, 0.4784, 0.6078
CMYK	0.07, 0.00, 0.25, 0.48
HSL	76°, 14%, 46%
HSV	76°, 25%, 52%
XYZ	19.0000, 21.9802, 15.2978
YIQ	126.5470, 5.2290, -12.1710

Conversions

Conversions Part 2

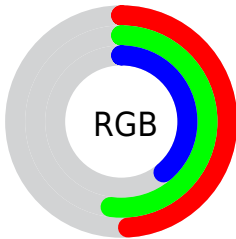
Format	Color
R_{YB}	100, 133, 109
Decimal	8160612
CIE Lab	54.01, -9.40, 16.73
CIE LCh	54, 19.186, 119.325
Yxy	21.9802, 0.3376, 0.3906
Android (android.graphics.Color)	4286350692 (0xFF7C8564)
YUV	126.5470, -13.0877, -2.2337
Hunter-Lab	46.8830, -9.7057, 13.4720

Details

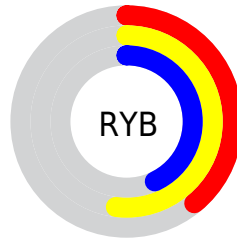
The XYZ color **19.0000, 21.9802, 15.2978** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0982, 14.0596, 24.1094**, and the grayscale version is **20.0602, 21.1049, 22.9832**.

A 20% lighter version of the original color is **41.2763, 46.6993, 36.1165**, and **6.7146, 8.0935, 4.5765** is the 20% darker color. If you saturate the color by 10%, you get **17.8936, 21.4789, 12.1557**, and if you desaturate by 10%, it is **20.2320, 22.5354, 18.9954**.

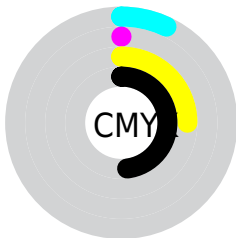
Distribution



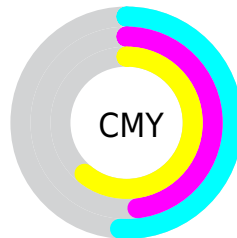
- Red (49%)
- Green (52%)
- Blue (39%)



- Red (39%)
- Yellow (52%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0000, 21.9802, 15.2978 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 19.0000, 21.9802, 15.2978 by changing the saturation by 10% instead.

■ 19.0000, 21.9802,
15.2978

■ 19.0000, 21.9802,
15.2978

239.3869,
262.4429, 236.8643

■ 11.7743, 13.8424,
8.8797

■ 41.2510, 46.7133,
36.1244

■ 6.6613, 8.0111,
4.5671

■ 57.0069, 64.0773,
51.3701

■ 3.2956, 4.1021,
1.9413

■ 76.3370, 85.2855,
70.3953

■ 1.3120, 1.7308,
0.5188

■ 99.6066, 110.7222,
93.6186

■ 0.1921, 0.4435,
0.0000

127.1810,
140.7719, 121.4587

■ 0.0000, 0.0000,
0.0000

159.4256,

175.8190, 154.3339

196.7058,
216.2479, 192.6630

■ 19.0000, 21.9802,
15.2978

■ 19.0000, 21.9802,
15.2978

■ 17.8936, 21.4789,
12.1557

■ 20.2320, 22.5354,
18.9954

■ 16.9058, 21.0265,
9.5407

■ 21.5927, 23.1437,
23.2720

■ 16.0313, 20.6217,
7.4243

■ 23.0875, 23.8078,
28.1517

■ 15.2640, 20.2618,
5.7747

■ 24.7208, 24.5296,
33.6565

■ 14.5969, 19.9442,
4.5561

■ 26.4966, 25.3108,
39.8076

■ 14.0219, 19.6655,
3.7280

■ 28.4191, 26.1530,
46.6251

■ 13.5283, 19.4215,
3.2338

■ 30.4921, 27.0577,
54.1281

■ 13.2882, 19.3021,
3.0253

■ 32.7192, 28.0265,
62.3352

■ 35.1040, 29.0608,
71.2639

Harmonies

Analogous

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



20.9385, 21.9802, 14.2386



19.0000, 21.9802, 15.2978



17.6482, 21.9802, 18.5697

Triad

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



19.0000, 21.9802, 15.2978



18.9238, 21.9802, 35.1514



25.1349, 21.9802, 24.0674

Complementary

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



19.0000, 21.9802, 15.2978



15.0982, 14.0596, 24.1094

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.



24.5097, 21.9802, 30.2400



19.0000, 21.9802, 15.2978



20.8446, 21.9802, 37.2544

Square

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



19.0000, 21.9802, 15.2978



17.6063, 21.9802, 29.9685



22.9046, 21.9802, 35.3255



24.5620, 21.9802, 18.7671

Rectangle

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



19.0000, 21.9802, 15.2978



17.2151, 21.9802, 21.8803



22.9046, 21.9802, 35.3255



25.0573, 21.9802, 26.1096

Sweetspot

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



19.0006, 21.9812, 15.2983



38.0734, 41.1792, 39.7812



17.4212, 16.8019, 14.3818



8.5521, 9.2659, 8.8815



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.



19.0006, 21.9812, 15.2983



32.8347, 38.8230, 23.9746



16.8364, 20.8655, 15.1970



4.9192, 5.3609, 5.0049



12.6646, 18.3888, 2.8819



0.0509, 0.0673, 0.0103

Inverse Universe

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



15.0982, 14.0596, 24.1094



24.5489, 21.9982, 42.6906



17.2928, 15.1909, 24.2121



4.5449, 4.6015, 5.8494



4.7420, 1.9787, 21.2687



0.0227, 0.0101, 0.0740

Previews

White Background



This preview shows how the XYZ color 19.0000, 21.9802, 15.2978 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 19.0000, 21.9802, 15.2978 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 19.0000, 21.9802, 15.2978

Background



This preview shows how black text looks on a background with the XYZ color 19.0000, 21.9802, 15.2978.



This preview shows how white text looks on a background with the XYZ color 19.0000, 21.9802,

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

19.0000, 21.9802, 15.2978

Protanopia

20.5361, 21.9856, 14.7166

Deuteranopia

22.3684, 21.9539, 15.6290



Tritanopia

21.3599, 21.9404, 27.1539

Trichromacy



Original Color

19.0000, 21.9802, 15.2978

Protanomaly

19.9076, 21.8527, 14.9731

Deuteranomaly

20.9228, 21.7810, 15.4133

Tritanomaly

20.3731, 21.9325, 22.2284

Monochromacy



Original Color

19.0000, 21.9802, 15.2978

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.6653, 21.4205, 19.9277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0000, 21.9802, 15.2978 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(124, 133, 100)` looks like.

```
.text, #text, p{  
    color:rgb(124, 133, 100)  
}
```

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(124, 133, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 133, 100) }
```

Border

The CSS property to change the border of an element to XYZ 19.0000, 21.9802, 15.2978 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(124, 133, 100) }
```


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

```
.border{ border-color:rgb(124, 133, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 133, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 133, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 133, 100);  
box-shadow:4px 4px 4px 4px rgb(124, 133,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0000, 21.9802, 15.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 133, 100) }
```

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

```
.background{ background-color: rgb(124,  
133, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor