

Converting Colors

XYZ(21.6391, 26.0792, 4.1767)

Have a look what the booklet for
XYZ(21.6391, 26.0792, 4.1767)
contains.

XYZ(21.6818, 26.2020, 4.2019)	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(21.6818, 26.2020,
4.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	90910A
RGB	144, 145, 10
RGB Percent	56%, 57%, 4%
CMY	0.4353, 0.4314, 0.9607
CMYK	0.01, 0.00, 0.93, 0.43
HSL	60°, 87%, 30%
HSV	60°, 93%, 57%
XYZ	21.6818, 26.2020, 4.2019
YIQ	129.3110, 42.7390, -42.1970

Conversions

Conversions Part 2

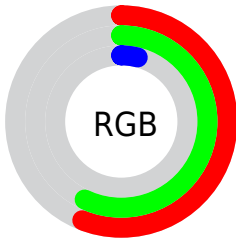
Format	Color
R_{YB}	10, 145, 11
Decimal	9474314
CIE _{Lab}	58.23, -14.44, 60.39
CIE _{LCh}	58, 62.096, 103.448
Yxy	26.2020, 0.4163, 0.5031
Android (android.graphics.Color)	4287664394 (0xFF90910A)
YUV	129.3110, -58.8203, 12.8823
Hunter-Lab	51.1879, -13.9711, 30.9645

Details

The XYZ color **21.6818, 26.2020, 4.2019** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.3580, 2.3330, 26.9576**, and the grayscale version is **21.1661, 22.2683, 24.2502**.

A 20% lighter version of the original color is **45.7468, 53.7588, 14.4439**, and **8.2120, 10.3083, 1.5569** is the 20% darker color. If you saturate the color by 10%, you get **21.6145, 26.1746, 3.9130**, and if you desaturate by 10%, it is **21.8166, 26.2591, 4.8110**.

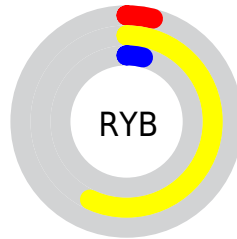
Distribution



Red (56%)

Green (57%)

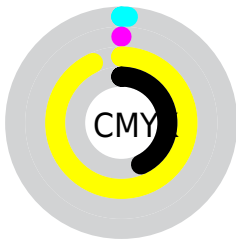
Blue (4%)



Red (4%)

Yellow (57%)

Blue (4%)

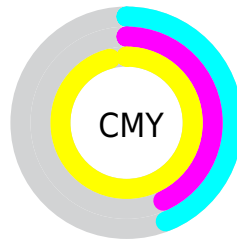


Cyan (1%)

Magenta (0%)

Yellow (93%)

Black (43%)



Cyan (44%)

Magenta (43%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6818, 26.2020, 4.2019 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 21.6818, 26.2020, 4.2019 by changing the saturation by 10% instead.

■ 21.6818, 26.2020,
4.2019

■ 21.6818, 26.2020,
4.2019

253.5437,
283.7723, 150.4437

■ 13.7386, 16.9748,
1.7367

■ 45.7023, 53.6006,
14.4728

■ 8.0195, 10.2165,
0.3857

■ 62.5103, 72.5409,
23.1156

■ 4.1594, 5.5428,
0.0000

■ 83.0039, 95.4876,
34.6547

■ 1.7927, 2.5691,
0.0000

■ 107.5485,
122.8252, 49.5087

■ 0.5133, 0.9112,
0.0000

■ 136.5094,
154.9381, 68.0960

■ 0.0000, 0.0000,
0.0000

■ 170.2520,

192.2106, 90.8353

209.1417,
235.0272, 118.1450

21.6818, 26.2020,
4.2019

21.6818, 26.2020,
4.2019

21.6145, 26.1746,
3.9130

21.8166, 26.2591,
4.8110

22.0317, 26.3473,
5.8449

22.3386, 26.4723,
7.3626

22.7469, 26.6377,
9.4137

23.2646, 26.8470,
12.0413

■ 23.8993, 27.1031,
15.2845

■ 24.6576, 27.4086,
19.1786

■ 25.5457, 27.7660,
23.7566

■ 26.5696, 28.1778,
29.0491

Harmonies

Analogous

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



29.2676, 26.2020, 4.3663



21.6818, 26.2020, 4.2019



16.2041, 26.2020, 7.7537

Triad

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



21.6818, 26.2020, 4.2019



15.7907, 26.2020, 67.6775



41.5499, 26.2020, 42.0705

Complementary

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



21.6818, 26.2020, 4.2019



5.3580, 2.3330, 26.9576

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.



36.2663, 26.2020, 70.5456



21.6818, 26.2020, 4.2019



20.9976, 26.2020, 89.7212

Square

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



21.6818, 26.2020, 4.2019



13.2960, 26.2020, 39.3185



28.4311, 26.2020, 90.9763



41.8365, 26.2020, 19.9202

Rectangle

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



21.6818, 26.2020, 4.2019



14.0548, 26.2020, 13.7015



28.4311, 26.2020, 90.9763



40.2575, 26.2020, 51.4098

Sweetspot

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



21.6824, 26.2032, 4.2024



43.3821, 48.7703, 30.3690



11.8413, 6.2594, 0.8716



9.5384, 10.8042, 6.1792



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.



21.6824, 26.2032, 4.2024



38.6991, 46.8684, 7.0068



13.2826, 21.8730, 3.8093



5.8356, 6.2834, 5.7946



18.5395, 22.4500, 3.3562



0.1781, 0.2151, 0.0321

Inverse Universe

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



5.3580, 2.3330, 26.9576



9.1703, 3.6702, 48.1986



8.3215, 3.8608, 27.0963



5.1331, 5.2568, 6.7729



4.3963, 1.7600, 23.0851



0.0426, 0.0171, 0.2207

Previews

White Background



This preview shows how the XYZ color 21.6818, 26.2020, 4.2019 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 21.6818, 26.2020, 4.2019 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 21.6818, 26.2020, 4.2019

Background



This preview shows how black text looks on a background with the XYZ color 21.6818, 26.2020, 4.2019.



This preview shows how white text looks on a background with the XYZ color 21.6818, 26.2020,

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

21.6818, 26.2020, 4.2019

Protanopia

23.5170, 26.0406, 3.9879

Deuteranopia

26.6839, 26.1881, 4.5126



Tritanopia

27.1012, 26.2423, 30.4249

Trichromacy



Original Color

21.6818, 26.2020, 4.2019

Protanomaly

22.8537, 26.1358, 4.0699

Deuteranomaly

24.5803, 25.9377, 4.3270

Tritanomaly

23.9216, 25.7938, 14.7842

Monochromacy



Original Color

21.6818, 26.2020, 4.2019

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.1752, 23.0682, 12.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6818, 26.2020, 4.2019 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(144, 145, 10)` looks like.

```
.text, #text, p{  
    color:rgb(144, 145, 10)  
}
```

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(144, 145, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 10) }
```

Border

The CSS property to change the border of an element to XYZ 21.6818, 26.2020, 4.2019 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(144, 145, 10) }
```


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

```
.border{ border-color:rgb(144, 145, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 145, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 145, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 145, 10);  
box-shadow:4px 4px 4px 4px rgb(144, 145,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6818, 26.2020, 4.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 145, 10) }
```

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

```
.background{ background-color: rgb(144,  
145, 10) }
```

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