

Converting Colors

XYZ(26.1870, 29.6094, 21.4142)

Have a look what the booklet for
XYZ(26.1870, 29.6094, 21.4142)
contains.

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Color

**XYZ(26.1907, 29.5522,
21.4633)**

Conversions

Conversions Part 1

Format	Color
Hex	929776
RGB	146, 151, 118
RGB Percent	57%, 59%, 46%
CMY	0.4274, 0.4078, 0.5372
CMYK	0.03, 0.00, 0.22, 0.41
HSL	69°, 14%, 53%
HSV	69°, 22%, 59%
XYZ	26.1907, 29.5522, 21.4633
YIQ	145.7430, 7.6130, -11.3230

Conversions

Conversions Part 2

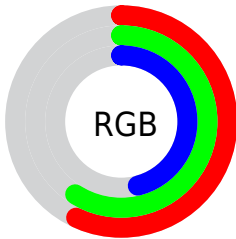
Format	Color
R_{YB}	118, 151, 123
Decimal	9607030
CIE Lab	61.27, -7.68, 16.82
CIE LCh	61, 18.489, 114.531
Yxy	29.5522, 0.3392, 0.3828
Android (android.graphics.Color)	4287797110 (0xFF929776)
YUV	145.7430, -13.6773, 0.2254
Hunter-Lab	54.3619, -9.1350, 14.6443

Details

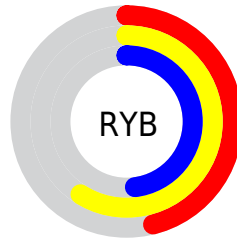
The XYZ color **26.1907, 29.5522, 21.4633** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2338, 19.4030, 31.9585**, and the grayscale version is **27.2691, 28.6892, 31.2425**.

A 20% lighter version of the original color is **52.9064, 58.8443, 46.5998**, and **10.3507, 11.9769, 7.3965** is the 20% darker color. If you saturate the color by 10%, you get **24.9617, 29.0150, 17.0908**, and if you desaturate by 10%, it is **27.5731, 30.1537, 26.5942**.

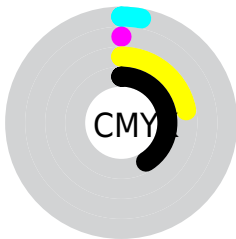
Distribution



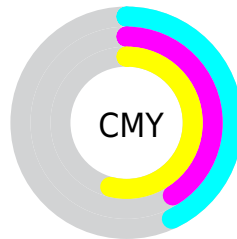
- Red (57%)
- Green (59%)
- Blue (46%)



- Red (46%)
- Yellow (59%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (41%)



- Cyan (43%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1907, 29.5522, 21.4633 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 26.1907, 29.5522, 21.4633 by changing the saturation by 10% instead.

■ 26.1907, 29.5522,
21.4633

■ 26.1907, 29.5522,
21.4633

275.9565,
299.8115, 272.5920

■ 17.0998, 19.4989,
13.2685

■ 53.0115, 58.9533,
46.7481

■ 10.4014, 12.0314,
7.4808

■ 71.4722, 79.0699,
64.6752

■ 5.7302, 6.7650,
3.6816

■ 93.7868, 103.3098,
86.6835

■ 2.7208, 3.3156,
1.4524

120.3207,
132.0573, 113.1916

■ 1.0079, 1.2986,
0.1821

151.4393,
165.6968, 144.6179

■ 0.0000, 0.1401,
0.0000

187.5079,

■ 0.0000, 0.0000,

204.6128, 181.3811

0.0000

228.8918,
249.1895, 223.8996

■ 26.1907, 29.5522,
21.4633

■ 26.1907, 29.5522,
21.4633

■ 24.9617, 29.0150,
17.0908

■ 27.5731, 30.1537,
26.5942

■ 23.8768, 28.5355,
13.4387

■ 29.1130, 30.8180,
32.5150

■ 22.9296, 28.1119,
10.4690

■ 30.8172, 31.5491,
39.2580

■ 22.1117, 27.7410,
8.1390

■ 32.6914, 32.3491,
46.8529

■ 21.4143, 27.4192,
6.4014

■ 34.7410, 33.2203,
55.3280

■ 20.8270, 27.1424,
5.2026

■ 36.9713, 34.1646,
64.7105

■ 20.3377, 26.9056,
4.4789

■ 39.3870, 35.1842,
75.0260

■ 19.9861, 26.7323,
4.1065

■ 41.9931, 36.2809,
86.2995

■ 44.7941, 37.4564,
98.5549

Harmonies

Analogous

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



28.5367, 29.5522, 20.5986



26.1907, 29.5522, 21.4633



24.4483, 29.5522, 25.0125

Triad

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



26.1907, 29.5522, 21.4633



25.4605, 29.5522, 44.3683



33.0072, 29.5522, 33.4712

Complementary

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



26.1907, 29.5522, 21.4633



20.2338, 19.4030, 31.9585

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.



32.0732, 29.5522, 40.5943



26.1907, 29.5522, 21.4633



27.6450, 29.5522, 47.4411

Square

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



26.1907, 29.5522, 21.4633



24.0441, 29.5522, 38.0663



30.0758, 29.5522, 45.9691



32.5628, 29.5522, 26.9294

Rectangle

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



26.1907, 29.5522, 21.4633



23.8169, 29.5522, 28.7346



30.0758, 29.5522, 45.9691



32.8425, 29.5522, 35.8846

Sweetspot

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



26.1915, 29.5535, 21.4639



50.6418, 54.5450, 52.4439



23.1103, 22.0417, 20.1764



11.4777, 12.3833, 11.7949



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.1915, 29.5535, 21.4639



45.8427, 52.4606, 34.6188



23.4747, 28.1529, 21.3368



6.6169, 7.1755, 6.6421



17.0208, 22.7504, 3.4942



0.2764, 0.3514, 0.0533

Inverse Universe

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



20.2338, 19.4030, 31.9585



33.3190, 31.1198, 56.6843



22.7881, 20.7197, 32.0780



5.9674, 6.0691, 7.7859



5.0669, 2.0631, 25.0389



0.0952, 0.0409, 0.3752

Previews

White Background



This preview shows how the XYZ color 26.1907, 29.5522, 21.4633 looks on a white background.

Color Contrast Check

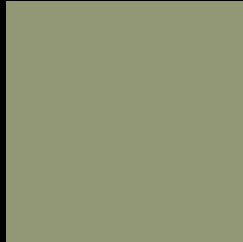
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1907, 29.5522, 21.4633 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

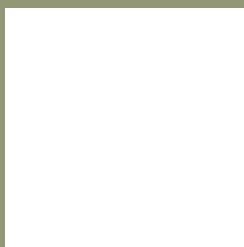
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1907, 29.5522, 21.4633

Background



This preview shows how black text looks on a background with the XYZ color 26.1907, 29.5522, 21.4633.



This preview shows how white text looks on a background with the XYZ color 26.1907, 29.5522,

21.4633.

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

26.1907, 29.5522, 21.4633

Protanopia

27.6469, 29.6089, 20.7809

Deuteranopia

30.0764, 29.4727, 21.8729



Tritanopia

29.1272, 29.5714, 36.0710

Trichromacy



Original Color

26.1907, 29.5522, 21.4633

Protanomaly

27.0952, 29.5516, 21.1056

Deuteranomaly

28.5594, 29.3692, 21.6163

Tritanomaly

27.9423, 29.5525, 30.2181

Monochromacy



Original Color

26.1907, 29.5522, 21.4633

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8879, 29.0684, 27.4862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1907, 29.5522, 21.4633 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(146, 151, 118)` looks like.

```
.text, #text, p{  
    color:rgb(146, 151, 118)  
}
```

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(146, 151, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 151, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.1907, 29.5522, 21.4633 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(146, 151, 118) }
```


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

```
.border{ border-color:rgb(146, 151, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 151, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 151, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 151, 118);  
box-shadow:4px 4px 4px 4px rgb(146, 151,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1907, 29.5522, 21.4633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 151, 118) }
```

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

```
.background{ background-color: rgb(146,  
151, 118) }
```

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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