

Converting Colors

XYZ(26.1702, 29.0540, 21.9980)

Have a look what the booklet for
XYZ(26.1702, 29.0540, 21.9980)
contains.

XYZ(26.1702, 29.0540, 21.9980)	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(26.1702, 29.0540,
21.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	939578
RGB	147, 149, 120
RGB Percent	58%, 58%, 47%
CMY	0.4235, 0.4157, 0.5294
CMYK	0.01, 0.00, 0.19, 0.42
HSL	64°, 12%, 53%
HSV	64°, 19%, 58%
XYZ	26.1702, 29.0540, 21.9980
YIQ	145.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

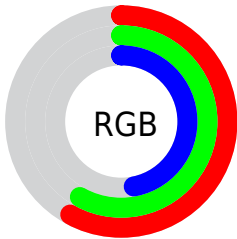
Format	Color
R_{YB}	120, 149, 122
Decimal	9672056
CIE Lab	60.83, -5.88, 15.11
CIE LCh	61, 16.212, 111.262
Yxy	29.0540, 0.3389, 0.3762
Android (android.graphics.Color)	4287862136 (0xFF939578)
YUV	145.0960, -12.3723, 1.6698
Hunter-Lab	53.9018, -7.6634, 13.5342

Details

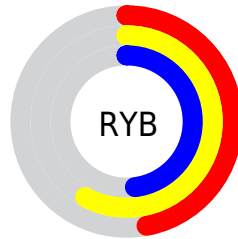
The XYZ color **26.1702, 29.0540, 21.9980** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.1685, 19.7413, 31.1829**, and the grayscale version is **26.9997, 28.4058, 30.9339**.

A 20% lighter version of the original color is **52.8897, 58.1079, 47.4581**, and **10.3289, 11.6771, 7.6707** is the 20% darker color. If you saturate the color by 10%, you get **25.1519, 28.6264, 17.5916**, and if you desaturate by 10%, it is **27.3324, 29.5413, 27.1469**.

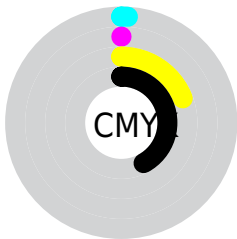
Distribution



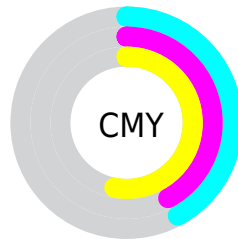
- Red (58%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (48%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1702, 29.0540, 21.9980 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 26.1702, 29.0540, 21.9980 by changing the saturation by 10% instead.

■ 26.1702, 29.0540,
21.9980

■ 26.1702, 29.0540,
21.9980

275.8580,
297.4697, 275.4890

■ 17.0844, 19.1217,
13.6571

■ 52.9787, 58.1629,
47.6448

■ 10.3903, 11.7582,
7.7466

■ 71.4321, 78.1082,
65.7879

■ 5.7228, 6.5793,
3.8478

■ 93.7388, 102.1600,
88.0354

■ 2.7163, 3.2004,
1.5422

120.2640,
130.7026, 114.8059

■ 1.0056, 1.2372,
0.2491

151.3732,
164.1205, 146.5180

■ 0.0000, 0.0918,
0.0000

187.4317,

■ 0.0000, 0.0000,

202.7981, 183.5902

0.0000

228.8048,
247.1197, 226.4410

■ 26.1702, 29.0540,
21.9980

■ 26.1702, 29.0540,
21.9980

■ 25.1519, 28.6264,
17.5916

■ 27.3324, 29.5413,
27.1469

■ 24.2688, 28.2521,
13.8918

■ 28.6424, 30.0869,
33.0685

■ 23.5146, 27.9296,
10.8622

■ 30.1065, 30.6943,
39.7934

■ 22.8816, 27.6558,
8.4627

■ 31.7303, 31.3659,
47.3501

■ 22.3615, 27.4272,
6.6488

■ 33.5188, 32.1035,
55.7658

■ 21.9447, 27.2402,
5.3701

■ 35.4770, 32.9091,
65.0663

■ 21.6199, 27.0902,
4.5679

■ 37.6096, 33.7847,
75.2763

■ 21.3606, 26.9666,
4.1022

■ 39.9211, 34.7321,
86.4198

■ 21.3471, 26.9601,
4.0787

■ 42.4159, 35.7530,
98.5195

Harmonies

Analogous

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



28.2357, 29.0540, 21.4873



26.1702, 29.0540, 21.9980



24.5707, 29.0540, 24.9090

Triad

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



26.1702, 29.0540, 21.9980



25.1540, 29.0540, 41.5873



31.8206, 29.0540, 33.4324

Complementary

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



26.1702, 29.0540, 21.9980



20.1685, 19.7413, 31.1829

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.



30.9008, 29.0540, 39.4741



26.1702, 29.0540, 21.9980



27.0034, 29.0540, 44.5599

Square

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



26.1702, 29.0540, 21.9980



24.0052, 29.0540, 36.0366



29.1119, 29.0540, 43.7410



31.5696, 29.0540, 27.6070

Rectangle

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



26.1702, 29.0540, 21.9980



23.9496, 29.0540, 28.0483



29.1119, 29.0540, 43.7410



31.6365, 29.0540, 35.5148

Sweetspot

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



26.1710, 29.0553, 21.9986



49.7001, 53.2161, 52.0015



22.7369, 21.6491, 20.7501



10.9853, 11.7814, 11.3940



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.1710, 29.0553, 21.9986



46.1058, 51.7119, 36.0798



23.7433, 27.8038, 21.8850



6.2263, 6.7245, 6.2103



17.9757, 22.6947, 3.4331



0.2296, 0.2827, 0.0425

Inverse Universe

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



20.1685, 19.7413, 31.1829



33.5045, 32.1575, 55.3624



22.3661, 20.8742, 31.2857



5.5344, 5.6510, 7.2688



4.6848, 1.8877, 24.0485



0.0647, 0.0269, 0.2947

Previews

White Background



This preview shows how the XYZ color 26.1702, 29.0540, 21.9980 looks on a white background.

Color Contrast Check

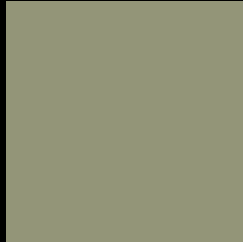
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1702, 29.0540, 21.9980 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

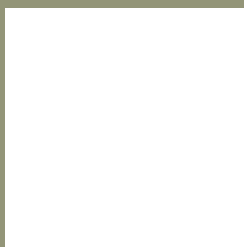
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1702, 29.0540, 21.9980

Background



This preview shows how black text looks on a background with the XYZ color 26.1702, 29.0540, 21.9980.



This preview shows how white text looks on a background with the XYZ color 26.1702, 29.0540,

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

26.1702, 29.0540, 21.9980

Protanopia

27.1262, 28.8582, 21.5933

Deuteranopia

29.6153, 29.0009, 22.4492



Tritanopia

28.8385, 28.9885, 35.0857

Trichromacy



Original Color

26.1702, 29.0540, 21.9980

Protanomaly

26.7124, 28.8747, 21.6183

Deuteranomaly

28.3247, 29.0084, 22.1955

Tritanomaly

27.7390, 28.9948, 29.7257

Monochromacy



Original Color

26.1702, 29.0540, 21.9980

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5769, 28.4463, 27.3825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1702, 29.0540, 21.9980 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(147, 149, 120)` looks like.

```
.text, #text, p{  
    color:rgb(147, 149, 120)  
}
```

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(147, 149, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 149, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.1702, 29.0540, 21.9980 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(147, 149, 120) }
```


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

```
.border{ border-color:rgb(147, 149, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 149, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 149, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 149, 120);  
box-shadow:4px 4px 4px 4px rgb(147, 149,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1702, 29.0540, 21.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 149, 120) }
```

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

```
.background{ background-color: rgb(147,  
149, 120) }
```

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