

Converting Colors

XYZ(21.8972, 26.9858, 4.0554)

Have a look what the booklet for
XYZ(21.8972, 26.9858, 4.0554)
contains.

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Color

**XYZ(21.9176, 27.0194,
4.0601)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9400
RGB	143, 148, 0
RGB Percent	56%, 58%, 0%
CMY	0.4392, 0.4196, 1.0000
CMYK	0.03, 0.00, 1.00, 0.42
HSL	62°, 100%, 29%
HSV	62°, 100%, 58%
XYZ	21.9176, 27.0194, 4.0601
YIQ	129.6330, 44.5280, -47.0880

Conversions

Conversions Part 2

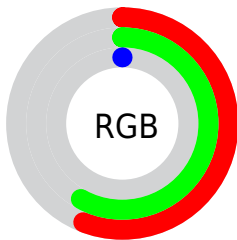
Format	Color
RYB	0, 148, 5
Decimal	9409536
CIELab	58.99, -16.63, 62.48
CIELCh	59, 64.655, 104.906
Yxy	27.0194, 0.4136, 0.5098
Android (android.graphics.Color)	4287599616 (0xFF8F9400)
YUV	129.6330, -63.9091, 11.7229
Hunter-Lab	51.9802, -15.7003, 31.7551

Details

The XYZ color **21.9176, 27.0194, 4.0601** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.4085, 2.1709, 28.1525**, and the grayscale version is **21.2969, 22.4060, 24.4002**.

A 20% lighter version of the original color is **46.0773, 54.9754, 14.1440**, and **8.3922, 10.8101, 1.6442** is the 20% darker color. If you saturate the color by 10%, you get **21.9181, 27.0206, 4.0603**, and if you desaturate by 10%, it is **22.0899, 27.0994, 4.5114**.

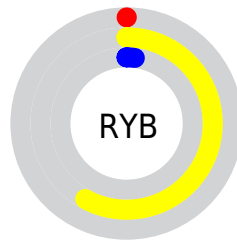
Distribution



Red (56%)

Green (58%)

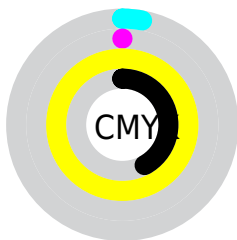
Blue (0%)



Red (0%)

Yellow (58%)

Blue (2%)

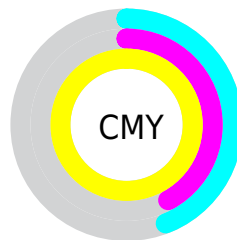


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (44%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9176, 27.0194, 4.0601 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 21.9176, 27.0194, 4.0601 by changing the saturation by 10% instead.

■ 21.9176, 27.0194,
4.0601

■ 21.9176, 27.0194,
4.0601

254.7561,
287.7510, 148.8911

■ 13.9126, 17.5878,
1.6584

■ 46.0896, 54.9150,
14.1481

■ 8.1412, 10.6545,
0.3320

■ 62.9874, 74.1478,
22.6715

■ 4.2380, 5.8350,
0.0000

■ 83.5802, 97.4164,
34.0725

■ 1.8376, 2.7450,
0.0000

■ 108.2333,
125.1053, 48.7697

■ 0.5402, 1.0001,
0.0000

■ 137.3121,
157.5988, 67.1816

■ 0.0000, 0.0000,
0.0000

■ 171.1819,

195.2813, 89.7268

210.2081,
238.5373, 116.8238

21.9176, 27.0194,
4.0601

21.9176, 27.0194,
4.0601

21.9181, 27.0206,
4.0603

22.0899, 27.0994,
4.5114

22.3216, 27.2021,
5.2766

22.6423, 27.3405,
6.5077

23.0628, 27.5189,
8.2630

23.5927, 27.7411,
10.5922

■ 24.2404, 28.0104,
13.5394

■ 25.0134, 28.3299,
17.1443

■ 25.9185, 28.7023,
21.4433

■ 26.9623, 29.1302,
26.4702

Harmonies

Analogous

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



29.9068, 27.0194, 4.0701



21.9176, 27.0194, 4.0601



16.2662, 27.0194, 7.9248

Triad

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



21.9176, 27.0194, 4.0601



16.2397, 27.0194, 72.8681



43.6181, 27.0194, 42.4739

Complementary

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



21.9176, 27.0194, 4.0601



5.4085, 2.1709, 28.1525

Split Complementary

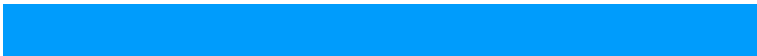
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.1683, 27.0194, 73.0563



21.9176, 27.0194, 4.0601



21.8736, 27.0194, 95.9144

Square

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



21.9176, 27.0194, 4.0601



13.4823, 27.0194, 42.2950



29.8526, 27.0194, 95.9971



43.6368, 27.0194, 19.4646

Rectangle

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



21.9176, 27.0194, 4.0601



14.1007, 27.0194, 14.3909



29.8526, 27.0194, 95.9971



42.3175, 27.0194, 52.3873

Sweetspot

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



21.9182, 27.0207, 4.0607



44.0430, 49.9470, 29.8280



12.2672, 6.4036, 0.5898



9.9299, 11.3506, 6.2272



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.



21.9182, 27.0207, 4.0607



38.6406, 47.6581, 7.1623



13.0502, 22.4490, 3.6456



6.2463, 6.7348, 6.2112



18.7253, 23.0811, 3.4682



0.2341, 0.2850, 0.0427

Inverse Universe

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



5.4085, 2.1709, 28.1525



9.5125, 3.8143, 49.6695



8.5653, 3.7983, 28.3003



5.5165, 5.6418, 7.2680



4.6240, 1.8563, 24.0456



0.0602, 0.0246, 0.2945

Previews

White Background



This preview shows how the XYZ color 21.9176, 27.0194, 4.0601 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 21.9176, 27.0194, 4.0601 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 21.9176, 27.0194, 4.0601

Background



This preview shows how black text looks on a background with the XYZ color 21.9176, 27.0194, 4.0601.



This preview shows how white text looks on a background with the XYZ color 21.9176, 27.0194,

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

21.9176, 27.0194, 4.0601

Protanopia

24.1702, 26.8196, 3.9028

Deuteranopia

27.4090, 26.9735, 4.5724



Tritanopia

27.5706, 27.0874, 31.7922

Trichromacy



Original Color

21.9176, 27.0194, 4.0601

Protanomaly

23.2997, 26.8165, 3.9481

Deuteranomaly

25.1902, 26.8976, 4.3160

Tritanomaly

24.0878, 26.5437, 14.4436

Monochromacy



Original Color

21.9176, 27.0194, 4.0601

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.4987, 23.6668, 11.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9176, 27.0194, 4.0601 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(143, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 148, 0)  
}
```

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(143, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 148, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.9176, 27.0194, 4.0601 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(143, 148, 0) }
```


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

```
.border{ border-color:rgb(143, 148, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 148, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 148,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9176, 27.0194, 4.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 148, 0) }
```

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

```
.background{ background-color: rgb(143,  
148, 0) }
```

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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