

Converting Colors

XYZ(21.4918, 26.0269, 4.1306)

Have a look what the booklet for
XYZ(21.4918, 26.0269, 4.1306)
contains.

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Color

**XYZ(21.4969, 26.1080,
4.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9108
RGB	143, 145, 8
RGB Percent	56%, 57%, 3%
CMY	0.4392, 0.4314, 0.9686
CMYK	0.01, 0.00, 0.94, 0.43
HSL	61°, 90%, 30%
HSV	61°, 94%, 57%
XYZ	21.4969, 26.1080, 4.1361
YIQ	128.7840, 42.7850, -43.0310

Conversions

Conversions Part 2

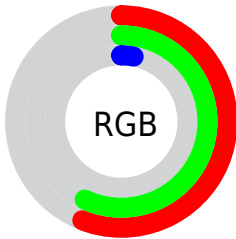
Format	Color
R_{YB}	8, 145, 10
Decimal	9408776
CIE Lab	58.14, -14.93, 60.59
CIE LCh	58, 62.407, 103.841
Yxy	26.1080, 0.4155, 0.5046
Android (android.graphics.Color)	4287598856 (0xFF8F9108)
YUV	128.7840, -59.5465, 12.4674
Hunter-Lab	51.0960, -14.3202, 30.9678

Details

The XYZ color **21.4969, 26.1080, 4.1361** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.3235, 2.2830, 26.9499**, and the grayscale version is **20.9830, 22.0757, 24.0405**.

A 20% lighter version of the original color is **45.4789, 53.6206, 14.4314**, and **8.1167, 10.2591, 1.5524** is the 20% darker color. If you saturate the color by 10%, you get **21.4333, 26.0812, 3.9045**, and if you desaturate by 10%, it is **21.6402, 26.1705, 4.6961**.

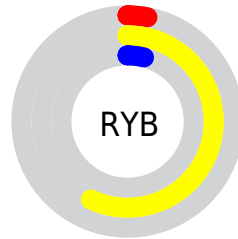
Distribution



Red (56%)

Green (57%)

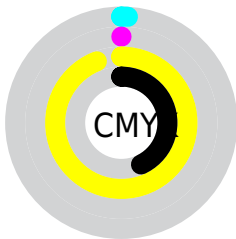
Blue (3%)



Red (3%)

Yellow (57%)

Blue (4%)

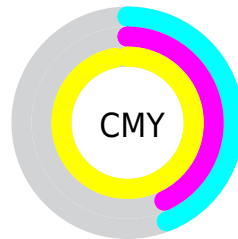


Cyan (1%)

Magenta (0%)

Yellow (94%)

Black (43%)



Cyan (44%)

Magenta (43%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4969, 26.1080, 4.1361 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 21.4969, 26.1080, 4.1361 by changing the saturation by 10% instead.

■ 21.4969, 26.1080,
4.1361

■ 21.4969, 26.1080,
4.1361

252.5896,
283.3118, 149.7263

■ 13.6022, 16.9045,
1.7003

■ 45.3981, 53.4491,
14.3224

■ 7.9244, 10.1664,
0.3609

■ 62.1354, 72.3555,
22.9101

■ 4.0980, 5.5094,
0.0000

■ 82.5509, 95.2649,
34.3854

■ 1.7577, 2.5491,
0.0000

■ 107.0100,
122.5618, 49.1670

■ 0.4920, 0.9012,
0.0000

■ 135.8781,
154.6306, 67.6733

■ 0.0000, 0.0000,
0.0000

■ 169.5205,

191.8555, 90.3229

208.3025,
234.6212, 117.5344

21.4969, 26.1080,
4.1361

21.4969, 26.1080,
4.1361

21.4333, 26.0812,
3.9045

21.6402, 26.1705,
4.6961

21.8614, 26.2633,
5.6685

22.1731, 26.3922,
7.1173

22.5849, 26.5612,
9.0929

23.1053, 26.7736,
11.6396

■ 23.7416, 27.0325,
14.7965

■ 24.5007, 27.3404,
18.5998

■ 25.3889, 27.7000,
23.0826

■ 26.4121, 28.1136,
28.2756

Harmonies

Analogous

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



29.0847, 26.1080, 4.2579



21.4969, 26.1080, 4.1361



16.0457, 26.1080, 7.7302

Triad

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



21.4969, 26.1080, 4.1361



15.7367, 26.1080, 68.1186



41.5615, 26.1080, 41.6603

Complementary

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



21.4969, 26.1080, 4.1361



5.3235, 2.2830, 26.9499

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.



36.3083, 26.1080, 70.2736



21.4969, 26.1080, 4.1361



20.9848, 26.1080, 90.1023

Square

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



21.4969, 26.1080, 4.1361



13.2064, 26.1080, 39.5963



28.4578, 26.1080, 91.0462



41.7765, 26.1080, 19.5847

Rectangle

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



21.4969, 26.1080, 4.1361



13.9195, 26.1080, 13.7388



28.4578, 26.1080, 91.0462



40.2848, 26.1080, 51.0171

Sweetspot

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



21.4975, 26.1092, 4.1366



43.2884, 48.7220, 30.3647



11.8087, 6.2116, 0.8067



9.5147, 10.7920, 6.1781



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.



21.4975, 26.1092, 4.1366



38.3678, 46.6976, 6.9913



13.1910, 21.8271, 3.7479



5.8319, 6.2815, 5.7944



18.3849, 22.3704, 3.3489



0.1774, 0.2147, 0.0321

Inverse Universe

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



5.3235, 2.2830, 26.9499



9.1873, 3.6789, 48.1994



8.2192, 3.7758, 27.0854



5.1364, 5.2585, 6.7730



4.4085, 1.7663, 23.0856



0.0433, 0.0175, 0.2208

Previews

White Background



This preview shows how the XYZ color 21.4969, 26.1080, 4.1361 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 21.4969, 26.1080, 4.1361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

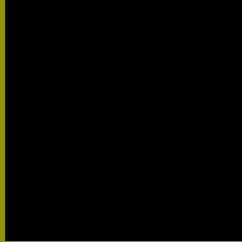
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4969, 26.1080, 4.1361

Background



This preview shows how black text looks on a background with the XYZ color 21.4969, 26.1080, 4.1361.



This preview shows how white text looks on a background with the XYZ color 21.4969, 26.1080,

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

21.4969, 26.1080, 4.1361

Protanopia

23.4896, 26.0297, 3.8436

Deuteranopia

26.4467, 26.0670, 4.4482



Tritanopia

26.9117, 26.1446, 30.4161

Trichromacy



Original Color

21.4969, 26.1080, 4.1361

Protanomaly

22.8318, 26.1271, 3.9545

Deuteranomaly

24.3647, 25.8275, 4.2733

Tritanomaly

23.6926, 25.6810, 14.5347

Monochromacy



Original Color

21.4969, 26.1080, 4.1361

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.1352, 23.0522, 11.9826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4969, 26.1080, 4.1361 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, 145, 8)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 8)  
}
```

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, 145, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 8) }
```

Border

The CSS property to change the border of an element to XYZ 21.4969, 26.1080, 4.1361 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, 145, 8) }
```


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

```
.border{ border-color:rgb(143, 145, 8) }
```

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

Here you see how a box with a 4 pixel rgb(143, 145, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 8);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4969, 26.1080, 4.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 8) }
```

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

```
.background{ background-color: rgb(143,  
145, 8) }
```

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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