

Converting Colors

XYZ(21.0125, 26.0730, 4.7892)

Have a look what the booklet for
XYZ(21.0125, 26.0730, 4.7892)
contains.

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Color

**XYZ(21.0912, 26.1127,
4.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9218
RGB	139, 146, 24
RGB Percent	55%, 57%, 9%
CMY	0.4549, 0.4274, 0.9059
CMYK	0.05, 0.00, 0.84, 0.43
HSL	63°, 72%, 33%
HSV	63°, 84%, 57%
XYZ	21.0912, 26.1127, 4.7928
YIQ	129.9990, 34.9900, -39.4260

Conversions

Conversions Part 2

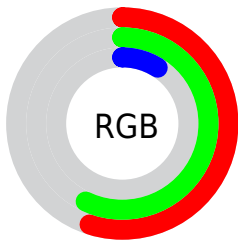
Format	Color
R _Y B	24, 146, 31
Decimal	9146904
CIE Lab	58.14, -16.88, 57.22
CIE LCh	58, 59.655, 106.434
Yxy	26.1127, 0.4056, 0.5022
Android (android.graphics.Color)	4287336984 (0xFF8B9218)
YUV	129.9990, -52.2575, 7.8939
Hunter-Lab	51.1006, -15.7521, 30.2095

Details

The XYZ color **21.0912, 26.1127, 4.7928** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.0808, 3.0205, 27.4583**, and the grayscale version is **21.3890, 22.5029, 24.5056**.

A 20% lighter version of the original color is **44.9044, 53.6384, 15.7711**, and **7.9292, 10.2970, 1.5696** is the 20% darker color. If you saturate the color by 10%, you get **20.8389, 25.9967, 4.1896**, and if you desaturate by 10%, it is **21.4271, 26.2643, 5.8257**.

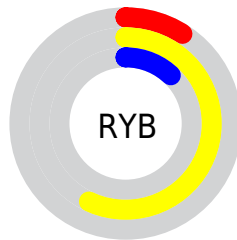
Distribution



Red (55%)

Green (57%)

Blue (9%)



Red (9%)

Yellow (57%)

Blue (12%)

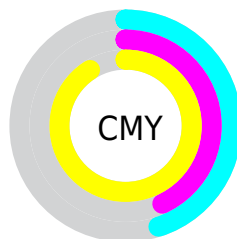


Cyan (5%)

Magenta (0%)

Yellow (84%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0912, 26.1127, 4.7928 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 21.0912, 26.1127, 4.7928 by changing the saturation by 10% instead.

■ 21.0912, 26.1127,
4.7928

■ 21.0912, 26.1127,
4.7928

250.4853,
283.3349, 156.6672

■ 13.3035, 16.9080,
2.0696

■ 44.7294, 53.4567,
15.8005

■ 7.7163, 10.1689,
0.5976

■ 61.3106, 72.3648,
24.9220

■ 3.9642, 5.5111,
0.0000

■ 81.5538, 95.2761,
37.0134

■ 1.6819, 2.5501,
0.0000

■ 105.8241,
122.5750, 52.4932

■ 0.4449, 0.9017,
0.0000

■ 134.4871,
154.6459, 71.7799

■ 0.0000, 0.0000,
0.0000

■ 167.9081,

191.8733, 95.2922

206.4524,
234.6415, 123.4484

21.0912, 26.1127,
4.7928

21.0912, 26.1127,
4.7928

20.8389, 25.9967,
4.1896

21.4271, 26.2643,
5.8257

20.6981, 25.9300,
3.9141

21.8564, 26.4523,
7.3471

22.3892, 26.6819,
9.4082

23.0340, 26.9565,
12.0534

23.7983, 27.2789,
15.3224

■ 24.6891, 27.6521,
19.2514

■ 25.7127, 28.0785,
23.8740

■ 26.8749, 28.5605,
29.2214

■ 28.1814, 29.1004,
35.3229

Harmonies

Analogous

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



28.2242, 26.1127, 4.6371



21.0912, 26.1127, 4.7928



16.0493, 26.1127, 8.8765

Triad

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



21.0912, 26.1127, 4.7928



16.4201, 26.1127, 68.1256



40.9301, 26.1127, 38.8281

Complementary

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



21.0912, 26.1127, 4.7928



6.0808, 3.0205, 27.4583

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.



36.3136, 26.1127, 65.6336



21.0912, 26.1127, 4.7928



21.6999, 26.1127, 87.3338

Square

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



21.0912, 26.1127, 4.7928



13.7328, 26.1127, 41.2459



28.9628, 26.1127, 86.2485



40.6792, 26.1127, 18.5923

Rectangle

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



21.0912, 26.1127, 4.7928



14.1352, 26.1127, 15.3029



28.9628, 26.1127, 86.2485



39.8628, 26.1127, 47.4998

Sweetspot

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



21.0918, 26.1139, 4.7933



43.2276, 48.6430, 32.5153



12.4867, 7.1113, 1.5790



9.5050, 10.7745, 6.7399



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.



21.0918, 26.1139, 4.7933



36.4623, 45.7153, 6.9022



13.6610, 22.2832, 4.4456



6.2329, 6.7279, 6.2106



18.2198, 22.8205, 3.4445



0.2311, 0.2835, 0.0425

Inverse Universe

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



6.0808, 3.0205, 27.4583



9.2886, 3.7311, 48.2042



9.8401, 4.9585, 27.6342



5.5285, 5.6479, 7.2685



4.6647, 1.8773, 24.0475



0.0632, 0.0261, 0.2946

Previews

White Background



This preview shows how the XYZ color 21.0912, 26.1127, 4.7928 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 21.0912, 26.1127, 4.7928 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 21.0912, 26.1127, 4.7928

Background



This preview shows how black text looks on a background with the XYZ color 21.0912, 26.1127, 4.7928.



This preview shows how white text looks on a background with the XYZ color 21.0912, 26.1127,

4.7928.

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

21.0912, 26.1127, 4.7928

Protanopia

23.4275, 25.9822, 4.5394

Deuteranopia

26.4165, 25.8369, 4.9612



Tritanopia

26.4650, 26.1045, 31.2476

Trichromacy



Original Color

21.0912, 26.1127, 4.7928

Protanomaly

22.4053, 25.8919, 4.6274

Deuteranomaly

24.2717, 25.7666, 4.8566

Tritanomaly

23.4534, 25.7352, 16.3016

Monochromacy



Original Color

21.0912, 26.1127, 4.7928

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.3654, 23.3502, 13.3312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0912, 26.1127, 4.7928 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(139, 146, 24)` looks like.

```
.text, #text, p{  
    color:rgb(139, 146, 24)  
}
```

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(139, 146, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 146, 24) }
```

Border

The CSS property to change the border of an element to XYZ 21.0912, 26.1127, 4.7928 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(139, 146, 24) }
```


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

```
.border{ border-color:rgb(139, 146, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 146, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 146, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 146, 24);  
box-shadow:4px 4px 4px 4px rgb(139, 146,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0912, 26.1127, 4.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 146, 24) }
```

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

```
.background{ background-color: rgb(139,  
146, 24) }
```

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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