

Converting Colors

XYZ(21.0486, 26.1660, 3.5267)

Have a look what the booklet for
XYZ(21.0486, 26.1660, 3.5267)
contains.

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Color

**XYZ(21.0941, 26.1332,
3.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9200
RGB	140, 146, 0
RGB Percent	55%, 57%, 0%
CMY	0.4510, 0.4274, 1.0000
CMYK	0.04, 0.00, 1.00, 0.43
HSL	62°, 100%, 29%
HSV	62°, 100%, 57%
XYZ	21.0941, 26.1332, 3.9324
YIQ	127.5620, 43.2900, -46.6780

Conversions

Conversions Part 2

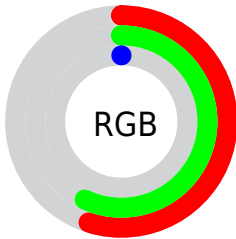
Format	Color
RYB	0, 146, 6
Decimal	9212416
CIELab	58.16, -16.95, 61.76
CIELCh	58, 64.041, 105.345
Yxy	26.1332, 0.4123, 0.5108
Android (android.graphics.Color)	4287402496 (0xFF8C9200)
YUV	127.5620, -62.8881, 10.9081
Hunter-Lab	51.1206, -15.8060, 31.2236

Details

The XYZ color **21.0941, 26.1332, 3.9324** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.2640, 2.1145, 27.3264**, and the grayscale version is **20.5673, 21.6384, 23.5642**.

A 20% lighter version of the original color is **44.8176, 53.6338, 13.9515**, and **8.0206, 10.3442, 1.5739** is the 20% darker color. If you saturate the color by 10%, you get **21.0946, 26.1344, 3.9326**, and if you desaturate by 10%, it is **21.2796, 26.2201, 4.3770**.

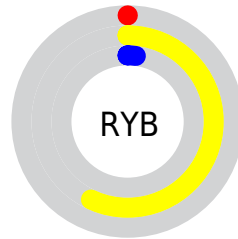
Distribution



Red (55%)

Green (57%)

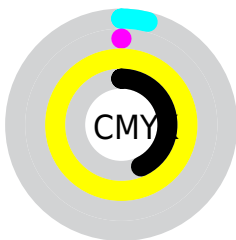
Blue (0%)



Red (0%)

Yellow (57%)

Blue (2%)

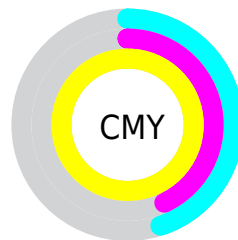


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0941, 26.1332, 3.9324 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 21.0941, 26.1332, 3.9324 by changing the saturation by 10% instead.

■ 21.0941, 26.1332,
3.9324

■ 21.0941, 26.1332,
3.9324

250.5004,
283.4353, 147.4710

■ 13.3057, 16.9233,
1.5883

■ 44.7342, 53.4898,
13.8536

■ 7.7178, 10.1798,
0.2825

■ 61.3165, 72.4052,
22.2677

■ 3.9652, 5.5184,
0.0000

■ 81.5609, 95.3246,
33.5423

■ 1.6825, 2.5545,
0.0000

■ 105.8326,
122.6325, 48.0959


■ 0.4453, 0.9038,
0.0000


■ 134.4971,
154.7130, 66.3471


■ 0.0000, 0.0000,
0.0000


■ 167.9197,


191.9508, 88.7143


 206.4656,
234.7301, 115.6161


 21.0941, 26.1332,
3.9324


 21.0941, 26.1332,
3.9324


 21.0946, 26.1344,
3.9326

 21.2796, 26.2201,
4.3770

 21.5225, 26.3291,
5.1238

 21.8518, 26.4726,
6.3224

 22.2781, 26.6550,
8.0289

 22.8105, 26.8800,
10.2916

■ 23.4572, 27.1507,
13.1529

■ 24.2254, 27.4701,
16.6513

■ 25.1219, 27.8408,
20.8220

■ 26.1527, 28.2654,
25.6975

Harmonies

Analogous

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



28.8104, 26.1332, 3.8969



21.0941, 26.1332, 3.9324



15.6610, 26.1332, 7.7421

Triad

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



21.0941, 26.1332, 3.9324



15.7546, 26.1332, 70.9895



42.2616, 26.1332, 40.6999

Complementary

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



21.0941, 26.1332, 3.9324



5.2640, 2.1145, 27.3264

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.



37.0433, 26.1332, 70.3223



21.0941, 26.1332, 3.9324



21.2501, 26.1332, 93.0967

Square

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



21.0941, 26.1332, 3.9324



13.0448, 26.1332, 41.3341



29.0024, 26.1332, 92.8035



42.1954, 26.1332, 18.5741

Rectangle

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



21.0941, 26.1332, 3.9324



13.5917, 26.1332, 14.0864



29.0024, 26.1332, 92.8035



41.0264, 26.1332, 50.2754

Sweetspot

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



21.0947, 26.1344, 3.9329



42.6443, 48.4204, 28.9606



11.9077, 6.2172, 0.5727



9.3692, 10.7228, 5.9043



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.



21.0947, 26.1344, 3.9329



37.1749, 46.0827, 6.9355



12.6733, 21.7930, 3.5388



6.2421, 6.7326, 6.2110



18.5670, 22.9995, 3.4608



0.2331, 0.2845, 0.0426

Inverse Universe

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



5.2640, 2.1145, 27.3264



9.2499, 3.7112, 48.2024



8.3203, 3.6900, 27.4695



5.5202, 5.6437, 7.2681



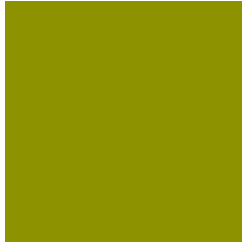
4.6366, 1.8628, 24.0462



0.0611, 0.0251, 0.2945

Previews

White Background



This preview shows how the XYZ color 21.0941, 26.1332, 3.9324 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 21.0941, 26.1332, 3.9324 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 21.0941, 26.1332, 3.9324

Background



This preview shows how black text looks on a background with the XYZ color 21.0941, 26.1332, 3.9324.



This preview shows how white text looks on a background with the XYZ color 21.0941, 26.1332,

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

21.0941, 26.1332, 3.9324

Protanopia

23.4786, 26.0253, 3.7859

Deuteranopia

26.4467, 26.0670, 4.4482



Tritanopia

26.5701, 26.1677, 30.8446

Trichromacy



Original Color

21.0941, 26.1332, 3.9324

Protanomaly

22.4355, 25.9253, 3.8216

Deuteranomaly

24.2790, 25.9980, 4.1904

Tritanomaly

23.2079, 25.6575, 14.0851

Monochromacy



Original Color

21.0941, 26.1332, 3.9324

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.6649, 22.8276, 11.1543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0941, 26.1332, 3.9324 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(140, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 146, 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(140, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 146, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.0941, 26.1332, 3.9324 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(140, 146, 0) }
```


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

```
.border{ border-color:rgb(140, 146, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 146,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0941, 26.1332, 3.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 146, 0) }
```

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

```
.background{ background-color: rgb(140,  
146, 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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