

Converting Colors

XYZ(21.2551, 26.7783, 4.9205)

Have a look what the booklet for
XYZ(21.2551, 26.7783, 4.9205)
contains.

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Color

**XYZ(21.3935, 26.9641,
4.9412)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9518
RGB	138, 149, 24
RGB Percent	54%, 58%, 9%
CMY	0.4588, 0.4157, 0.9059
CMYK	0.07, 0.00, 0.84, 0.42
HSL	65°, 72%, 34%
HSV	65°, 84%, 58%
XYZ	21.3935, 26.9641, 4.9412
YIQ	131.4610, 33.5690, -41.2070

Conversions

Conversions Part 2

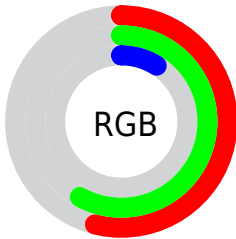
Format	Color
R_{YB}	24, 149, 35
Decimal	9082136
CIE Lab	58.94, -18.87, 57.87
CIE LCh	59, 60.871, 108.063
Yxy	26.9641, 0.4014, 0.5059
Android (android.graphics.Color)	4287272216 (0xFF8A9518)
YUV	131.4610, -52.9783, 5.7347
Hunter-Lab	51.9270, -17.3316, 30.7070

Details

The XYZ color **21.3935, 26.9641, 4.9412** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.4454, 3.1811, 28.7098**, and the grayscale version is **21.9149, 23.0561, 25.1081**.

A 20% lighter version of the original color is **45.1271, 54.7904, 16.1798**, and **8.0238, 10.6202, 1.6270** is the 20% darker color. If you saturate the color by 10%, you get **21.0633, 26.8081, 4.3258**, and if you desaturate by 10%, it is **21.8122, 27.1578, 6.0037**.

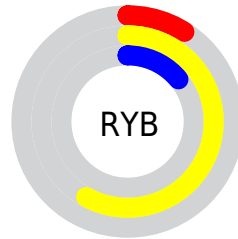
Distribution



Red (54%)

Green (58%)

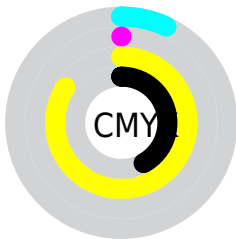
Blue (9%)



Red (9%)

Yellow (58%)

Blue (14%)

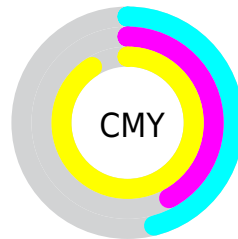


Cyan (7%)

Magenta (0%)

Yellow (84%)

Black (42%)



Cyan (46%)

Magenta (42%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3935, 26.9641, 4.9412 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 21.3935, 26.9641, 4.9412 by changing the saturation by 10% instead.

■ 21.3935, 26.9641,
4.9412

■ 21.3935, 26.9641,
4.9412

252.0547,
287.4833, 158.1738

■ 13.5260, 17.5463,
2.1547

■ 45.2279, 54.8263,
16.1281

■ 7.8713, 10.6247,
0.6480

■ 61.9255, 74.0394,
25.3655

■ 4.0638, 5.8151,
0.0000

■ 82.2972, 97.2863,
37.5903

■ 1.7383, 2.7330,
0.0000

■ 106.7084,
124.9516, 53.2210

■ 0.4801, 0.9940,
0.0000

■ 135.5244,
157.4195, 72.6761

■ 0.0000, 0.0000,
0.0000

■ 169.1105,

195.0745, 96.3743

207.8322,
238.3010, 124.7340

21.3935, 26.9641,
4.9412

21.3935, 26.9641,
4.9412

21.0633, 26.8081,
4.3258

21.8122, 27.1578,
6.0037

20.8829, 26.7208,
4.0570

22.3299, 27.3904,
7.5763

22.9573, 27.6672,
9.7131

23.7034, 27.9918,
12.4609

24.5762, 28.3673,
15.8617

■ 25.5828, 28.7968,
19.9538

■ 26.7301, 29.2827,
24.7723

■ 28.0242, 29.8278,
30.3503

■ 29.4711, 30.4342,
36.7186

Harmonies

Analogous

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



28.7435, 26.9641, 4.5995



21.3935, 26.9641, 4.9412



16.2910, 26.9641, 9.4431

Triad

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



21.3935, 26.9641, 4.9412



17.1140, 26.9641, 72.3069



42.5778, 26.9641, 38.8048

Complementary

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



21.3935, 26.9641, 4.9412



6.4454, 3.1811, 28.7098

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.



37.9878, 26.9641, 66.7371



21.3935, 26.9641, 4.9412



22.7472, 26.9641, 91.5427

Square

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



21.3935, 26.9641, 4.9412



14.1745, 26.9641, 44.1963



30.3886, 26.9641, 89.1146



42.0181, 26.9641, 18.2812

Rectangle

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



21.3935, 26.9641, 4.9412



14.4014, 26.9641, 16.4261



30.3886, 26.9641, 89.1146



41.5542, 26.9641, 47.7488

Sweetspot

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



21.3941, 26.9653, 4.9418



45.5043, 51.4370, 34.4598



13.1443, 7.6243, 1.6434



9.9548, 11.3439, 7.1066



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.



21.3941, 26.9653, 4.9418



37.3191, 47.8109, 7.2615



13.9006, 23.1023, 4.5911



6.2156, 6.7190, 6.2098



17.5874, 22.4945, 3.4149



0.2271, 0.2814, 0.0424

Inverse Universe

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



6.4454, 3.1811, 28.7098



9.9474, 4.0058, 51.1702



10.6733, 5.3607, 28.9076



5.5440, 5.6559, 7.2692



4.7191, 1.9054, 24.0501



0.0671, 0.0281, 0.2948

Previews

White Background



This preview shows how the XYZ color 21.3935, 26.9641, 4.9412 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 21.3935, 26.9641, 4.9412 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 21.3935, 26.9641, 4.9412

Background



This preview shows how black text looks on a background with the XYZ color 21.3935, 26.9641, 4.9412.



This preview shows how white text looks on a background with the XYZ color 21.3935, 26.9641,

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

21.3935, 26.9641, 4.9412

Protanopia

24.3150, 26.8775, 4.6654

Deuteranopia

27.1597, 26.6250, 5.1465



Tritanopia

27.1321, 27.0568, 32.6466

Trichromacy



Original Color

21.3935, 26.9641, 4.9412

Protanomaly

23.2289, 26.9881, 4.7955

Deuteranomaly

24.5712, 26.3455, 5.0184

Tritanomaly

23.9982, 26.6641, 16.9786

Monochromacy



Original Color

21.3935, 26.9641, 4.9412

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.8518, 24.0180, 13.6621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3935, 26.9641, 4.9412 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(138, 149, 24)` looks like.

```
.text, #text, p{  
    color:rgb(138, 149, 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(138, 149, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 149, 24) }
```

Border

The CSS property to change the border of an element to XYZ 21.3935, 26.9641, 4.9412 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(138, 149, 24) }
```


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

```
.border{ border-color:rgb(138, 149, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 149, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 149, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 149, 24);  
box-shadow:4px 4px 4px 4px rgb(138, 149,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3935, 26.9641, 4.9412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 149, 24) }
```

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

```
.background{ background-color: rgb(138,  
149, 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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