

Converting Colors

XYZ(21.4608, 24.1567, 3.5316)

Have a look what the booklet for
XYZ(21.4608, 24.1567, 3.5316)
contains.

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Color

**XYZ(21.3818, 24.0923,
3.5233)**

Conversions

Conversions Part 1

Format	Color
Hex	968800
RGB	150, 136, 0
RGB Percent	59%, 53%, 0%
CMY	0.4118, 0.4667, 1.0000
CMYK	0.00, 0.09, 1.00, 0.41
HSL	54°, 100%, 29%
HSV	54°, 100%, 59%
XYZ	21.3818, 24.0923, 3.5233
YIQ	124.6820, 52.0000, -39.3280

Conversions

Conversions Part 2

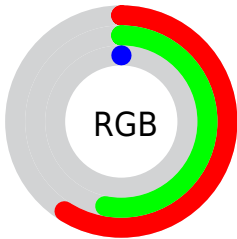
Format	Color
R_{YB}	15, 150, 0
Decimal	9865216
CIE _{Lab}	56.18, -7.03, 60.72
CIE _{LCh}	56, 61.122, 96.604
Yxy	24.0923, 0.4364, 0.4917
Android (android.graphics.Color)	4288055296 (0xFF968800)
YUV	124.6820, -61.4682, 22.2039
Hunter-Lab	49.0839, -8.1391, 30.1028

Details

The XYZ color **21.3818, 24.0923, 3.5233** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.6622, 2.5162, 29.0412**, and the grayscale version is **19.5747, 20.5941, 22.4269**.

A 20% lighter version of the original color is **45.2842, 50.2348, 12.9398**, and **8.1275, 9.2493, 1.3569** is the 20% darker color. If you saturate the color by 10%, you get **21.3822, 24.0932, 3.5235**, and if you desaturate by 10%, it is **21.6670, 24.5248, 4.0440**.

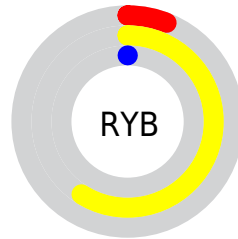
Distribution



Red (59%)

Green (53%)

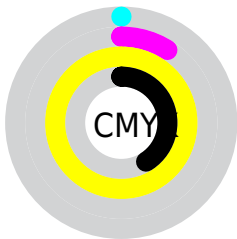
Blue (0%)



Red (6%)

Yellow (59%)

Blue (0%)

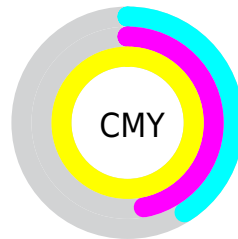


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.3818, 24.0923, 3.5233 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 21.3818, 24.0923, 3.5233 by changing the saturation by 10% instead.


 21.3818, 24.0923,
3.5233


 21.3818, 24.0923,
3.5233


251.9941,
273.2868, 142.7696


 13.5174, 15.4021,
1.3677


 45.2086, 50.1808,
12.8945

 7.8652, 9.1021,
0.1163


 61.9017, 68.3478,
20.9472


 4.0599, 4.8078,
0.0000


 82.2685, 90.4427,
31.8025

 1.7361, 2.1350,
0.0000

 106.6742,
116.8496, 45.8792


 0.4787, 0.6842,
0.0000


 135.4843,
147.9531, 63.5957


 0.0000, 0.0000,
0.0000


 169.0641,


184.1376, 85.3706


 207.7789,
225.7873, 111.6224


 21.3818, 24.0923,
3.5233


 21.3818, 24.0923,
3.5233


 21.3822, 24.0932,
3.5235

 21.6670, 24.5248,
4.0440

 22.0162, 24.9861,
4.8913

 22.4591, 25.4890,
6.2196

 23.0074, 26.0382,
8.0894

 23.6706, 26.6376,
10.5521

■ 24.4576, 27.2907,
13.6533

■ 25.3761, 28.0006,
17.4340

■ 26.4332, 28.7702,
21.9320

■ 27.6357, 29.6022,
27.1819

Harmonies

Analogous

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



28.6871, 24.0923, 4.3464



21.3818, 24.0923, 3.5233



15.7576, 24.0923, 5.8299

Triad

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



21.3818, 24.0923, 3.5233



13.6836, 24.0923, 56.6874



37.6528, 24.0923, 44.7685

Complementary

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



21.3818, 24.0923, 3.5233



5.6622, 2.5162, 29.0412

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.



31.9258, 24.0923, 71.1027



21.3818, 24.0923, 3.5233



17.9471, 24.0923, 80.0983

Square

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



21.3818, 24.0923, 3.5233



11.9387, 24.0923, 30.9330



24.4863, 24.0923, 86.4059



39.0919, 24.0923, 22.0339

Rectangle

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



21.3818, 24.0923, 3.5233



13.3785, 24.0923, 10.1907



24.4863, 24.0923, 86.4059



36.1156, 24.0923, 53.7769

Sweetspot

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



21.3823, 24.0935, 3.5238



44.6801, 49.3377, 30.3343



12.6639, 6.5187, 1.0430



9.7603, 10.8263, 6.1350



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.



21.3823, 24.0935, 3.5238



37.6667, 42.3826, 6.1954



15.1231, 23.9863, 3.8330



6.2197, 6.6531, 6.1968



17.7465, 20.0074, 2.9265



0.2281, 0.2666, 0.0394

Inverse Universe

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



5.6622, 2.5162, 29.0412



9.9328, 4.3214, 51.2318



7.3688, 3.1630, 29.0760



5.5404, 5.7149, 7.2808



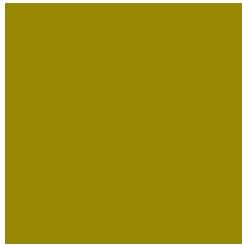
4.7077, 2.1103, 24.0902



0.0662, 0.0430, 0.2977

Previews

White Background



This preview shows how the XYZ color 21.3818, 24.0923, 3.5233 looks on a white background.

Color Contrast Check

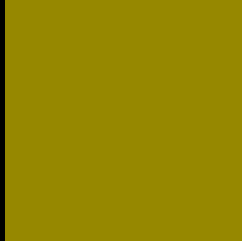
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3818, 24.0923, 3.5233 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 21.3818, 24.0923, 3.5233

Background



This preview shows how black text looks on a background with the XYZ color 21.3818, 24.0923, 3.5233.



This preview shows how white text looks on a background with the XYZ color 21.3818, 24.0923,

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

21.3818, 24.0923, 3.5233

Protanopia

21.6129, 24.0033, 3.4940

Deuteranopia

24.4059, 24.0281, 3.9238



Tritanopia

26.0053, 23.9684, 26.5483

Trichromacy



Original Color

21.3818, 24.0923, 3.5233

Protanomaly

21.4265, 23.9073, 3.4853

Deuteranomaly

23.2810, 24.0433, 3.7304

Tritanomaly

23.2205, 23.6219, 12.3525

Monochromacy



Original Color

21.3818, 24.0923, 3.5233

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1297, 21.3480, 10.7018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3818, 24.0923, 3.5233 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(150, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 136, 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(150, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 136, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.3818, 24.0923, 3.5233 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(150, 136, 0) }
```


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

```
.border{ border-color:rgb(150, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 136,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3818, 24.0923, 3.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 136, 0) }
```

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

```
.background{ background-color: rgb(150,  
136, 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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