

Converting Colors

XYZ(18.6074, 24.2241, 0.4643)

Have a look what the booklet for
XYZ(18.6074, 24.2241, 0.4643)
contains.

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Color

**XYZ(19.1825, 24.4702,
3.7122)**

Conversions

Conversions Part 1	
Format	Color
Hex	838F00
RGB	131, 143, 0
RGB Percent	51%, 56%, 0%
CMY	0.4863, 0.4392, 1.0000
CMYK	0.08, 0.00, 1.00, 0.44
HSL	65°, 100%, 28%
HSV	65°, 100%, 56%
XYZ	19.1825, 24.4702, 3.7122
YIQ	123.1100, 38.7510, -47.0170

Conversions

Conversions Part 2

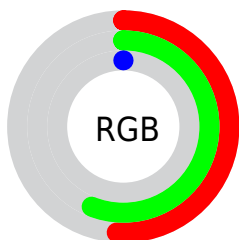
Format	Color
RYB	0, 143, 12
Decimal	8621824
CIELab	56.56, -19.45, 60.24
CIELCh	57, 63.307, 107.895
Yxy	24.4702, 0.4050, 0.5166
Android (android.graphics.Color)	4286811904 (0xFF838F00)
YUV	123.1100, -60.6932, 6.9195
Hunter-Lab	49.4674, -17.3490, 30.1778

Details

The XYZ color **19.1825, 24.4702, 3.7122** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.1102, 2.0618, 26.1167**, and the grayscale version is **19.0493, 20.0413, 21.8250**.

A 20% lighter version of the original color is **41.5653, 50.9395, 13.4359**, and **6.9749, 9.4065, 1.4480** is the 20% darker color. If you saturate the color by 10%, you get **19.1828, 24.4712, 3.7124**, and if you desaturate by 10%, it is **19.4514, 24.6003, 4.1498**.

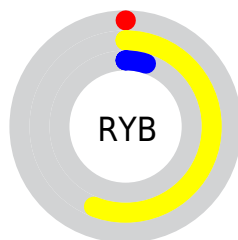
Distribution



Red (51%)

Green (56%)

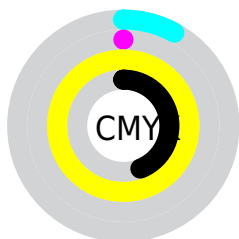
Blue (0%)



Red (0%)

Yellow (56%)

Blue (5%)

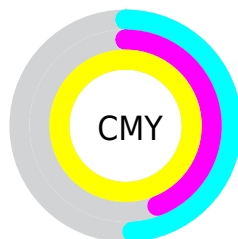


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (49%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.1825, 24.4702, 3.7122 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 19.1825, 24.4702, 3.7122 by changing the saturation by 10% instead.


 19.1825, 24.4702,
3.7122


 19.1825, 24.4702,
3.7122


240.3732,
275.1891, 144.9707


 11.9070, 15.6828,
1.4688


 41.5567, 50.7964,
13.3404


 6.7521, 9.3000,
0.1945


 57.3862, 69.1040,
21.5623

 3.3525, 4.9374,
0.0000


 76.7977, 91.3538,
32.6140

 1.3428, 2.2105,
0.0000

 100.1566,
117.9301, 46.9143


 0.2149, 0.7257,
0.0000


 127.8283,
149.2174, 64.8815


 0.0000, 0.0000,
0.0000


 160.1780,


185.6001, 86.9343


 197.5712,
227.4625, 113.4912


 19.1825, 24.4702,
3.7122


 19.1825, 24.4702,
3.7122


 19.1828, 24.4712,
3.7124

 19.4514, 24.6003,
4.1498

 19.7762, 24.7521,
4.8727

 20.1850, 24.9377,
6.0267

 20.6880, 25.1612,
7.6650

 21.2938, 25.4262,
9.8334

■ 22.0100, 25.7355,
12.5721

■ 22.8437, 26.0921,
15.9178

■ 23.8012, 26.4985,
19.9038

■ 24.8883, 26.9569,
24.5610

Harmonies

Analogous

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



26.3476, 24.4702, 3.4352



19.1825, 24.4702, 3.7122



14.2741, 24.4702, 7.6839

Triad

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



19.1825, 24.4702, 3.7122



15.0152, 24.4702, 69.3335



39.9822, 24.4702, 36.0585

Complementary

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



19.1825, 24.4702, 3.7122



5.1102, 2.0618, 26.1167

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.



35.3898, 24.4702, 64.0094



19.1825, 24.4702, 3.7122



20.4203, 24.4702, 88.9940

Square

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



19.1825, 24.4702, 3.7122



12.2402, 24.4702, 41.1065



27.8738, 24.4702, 86.6517



39.4546, 24.4702, 16.0470

Rectangle

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



19.1825, 24.4702, 3.7122



12.4729, 24.4702, 14.1369



27.8738, 24.4702, 86.6517



38.9520, 24.4702, 44.9484

Sweetspot

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



19.1831, 24.4713, 3.7127



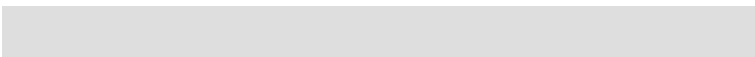
40.8048, 46.6806, 28.0862



11.4590, 6.1012, 0.5740



9.2234, 10.6477, 5.8975



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.



19.1831, 24.4713, 3.7127



34.2812, 43.7854, 6.6446



11.6620, 20.5941, 3.3607



5.7955, 6.2627, 5.7927



16.9688, 21.6403, 3.2827



0.1708, 0.2113, 0.0318

Inverse Universe

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



5.1102, 2.0618, 26.1167



9.0863, 3.6585, 46.7653



8.5631, 3.8419, 26.2783



5.1690, 5.2753, 6.7746



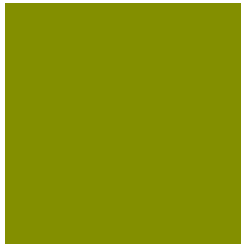
4.5264, 1.8270, 23.0912



0.0500, 0.0209, 0.2211

Previews

White Background



This preview shows how the XYZ color 19.1825, 24.4702, 3.7122 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 19.1825, 24.4702, 3.7122 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 19.1825, 24.4702, 3.7122

Background



This preview shows how black text looks on a background with the XYZ color 19.1825, 24.4702, 3.7122.



This preview shows how white text looks on a background with the XYZ color 19.1825, 24.4702,

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

19.1825, 24.4702, 3.7122

Protanopia

21.9410, 24.3806, 3.5495

Deuteranopia

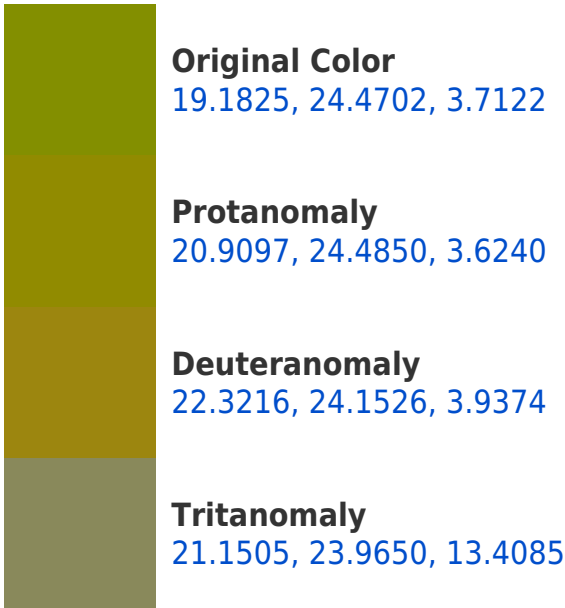
24.8097, 24.4244, 4.2709



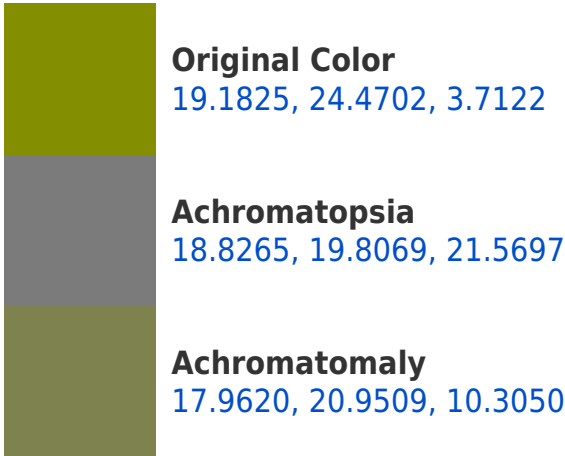
Tritanopia

24.3300, 24.4209, 29.4180

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1825, 24.4702, 3.7122 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(131, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 143, 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(131, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 143, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.1825, 24.4702, 3.7122 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(131, 143, 0) }
```


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

```
.border{ border-color:rgb(131, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(131, 143,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1825, 24.4702, 3.7122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 143, 0) }
```

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

```
.background{ background-color: rgb(131,  
143, 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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