

Converting Colors

XYZ(18.9436, 24.2043, 10.1520)

Have a look what the booklet for
XYZ(18.9436, 24.2043, 10.1520)
contains.

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Color

**XYZ(18.9436, 24.2043,
10.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	798F4A
RGB	121, 143, 74
RGB Percent	47%, 56%, 29%
CMY	0.5255, 0.4392, 0.7098
CMYK	0.15, 0.00, 0.48, 0.44
HSL	79°, 32%, 43%
HSV	79°, 48%, 56%
XYZ	18.9436, 24.2043, 10.1520
YIQ	128.5560, 9.0370, -26.1230

Conversions

Conversions Part 2

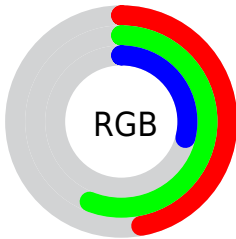
Format	Color
RYB	74, 143, 96
Decimal	7966538
CIELab	56.29, -19.54, 33.95
CIElCh	56, 39.171, 119.920
Yxy	24.2043, 0.3554, 0.4541
Android (android.graphics.Color)	4286156618 (0xFF798F4A)
YUV	128.5560, -26.8961, -6.6266
Hunter-Lab	49.1979, -17.3650, 22.2040

Details

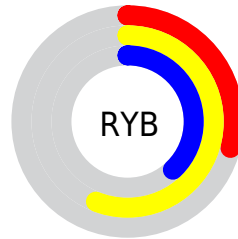
The XYZ color **18.9436, 24.2043, 10.1520** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.2316, 9.3682, 27.1516**, and the grayscale version is **20.8003, 21.8835, 23.8311**.

A 20% lighter version of the original color is **41.2835, 50.5017, 26.6407**, and **6.6266, 9.2054, 2.4048** is the 20% darker color. If you saturate the color by 10%, you get **17.8917, 23.7123, 7.8676**, and if you desaturate by 10%, it is **20.1364, 24.7579, 13.0157**.

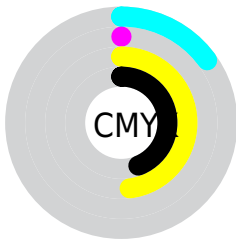
Distribution



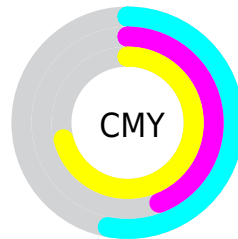
- Red (47%)
- Green (56%)
- Blue (29%)



- Red (29%)
- Yellow (56%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (48%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9436, 24.2043, 10.1520 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 18.9436, 24.2043, 10.1520 by changing the saturation by 10% instead.

■ 18.9436, 24.2043,
10.1520

■ 18.9436, 24.2043,
10.1520

239.0813,
273.8517, 202.2776

■ 11.7333, 15.4852,
5.3929

■ 41.1564, 50.3634,
26.6933

■ 6.6332, 9.1606,
2.4169

■ 56.8896, 68.5722,
39.3126

■ 3.2781, 4.8461,
0.7956

■ 76.1944, 90.7130,
55.3890

■ 1.3025, 2.1573,
0.0000

■ 99.4363, 117.1703,
75.3412

■ 0.1851, 0.6965,
0.0000

■ 126.9806,
148.3285, 99.5876

■ 0.0000, 0.0000,
0.0000

159.1926,

184.5718, 128.5467

196.4377,
226.2848, 162.6372

■ 18.9436, 24.2043,
10.1520

■ 18.9436, 24.2043,
10.1520

■ 17.8917, 23.7123,
7.8676

■ 20.1364, 24.7579,
13.0157

■ 16.9711, 23.2754,
6.1214

■ 21.4756, 25.3727,
16.4931

■ 16.1735, 22.8911,
4.8693

■ 22.9685, 26.0525,
20.6178

■ 15.4885, 22.5552,
4.0594

■ 24.6212, 26.7999,
25.4202

■ 14.8951, 22.2592,
3.5832

■ 26.4396, 27.6173,
30.9293

■ 14.7956, 22.2095,
3.5071

■ 28.4292, 28.5069,
37.1719

■ 30.5952, 29.4708,
44.1736

■ 32.9426, 30.5110,
51.9590

■ 35.4762, 31.6296,
60.5511

Harmonies

Analogous

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



23.0176, 24.2043, 8.4978



18.9436, 24.2043, 10.1520



16.2849, 24.2043, 15.7593

Triad

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



18.9436, 24.2043, 10.1520



18.9252, 24.2043, 54.2329



32.8178, 24.2043, 26.3890

Complementary

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



18.9436, 24.2043, 10.1520



12.2316, 9.3682, 27.1516

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.



31.3594, 24.2043, 40.8728



18.9436, 24.2043, 10.1520



22.9934, 24.2043, 59.8288

Square

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



18.9436, 24.2043, 10.1520



16.2753, 24.2043, 40.7925



27.6100, 24.2043, 54.2890



31.3742, 24.2043, 15.8019

Rectangle

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



18.9436, 24.2043, 10.1520



15.4770, 24.2043, 22.2404



27.6100, 24.2043, 54.2890



32.6484, 24.2043, 30.9468

Sweetspot

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



18.9442, 24.2054, 10.1525



42.2667, 47.1682, 40.1752



16.7338, 14.6732, 8.4291



9.5626, 10.7578, 8.8387



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.



18.9442, 24.2054, 10.1525



31.8688, 42.3822, 13.7431



14.9572, 22.1500, 9.9659



5.6746, 6.2004, 5.7871



13.1037, 19.6478, 3.1018



0.1483, 0.1997, 0.0307

Inverse Universe

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



12.2316, 9.3682, 27.1516



18.3766, 12.5115, 47.9844



16.6673, 11.6549, 27.3592



5.2814, 5.3333, 6.7798



5.3841, 2.2692, 23.1313



0.0724, 0.0325, 0.2221

Previews

White Background



This preview shows how the XYZ color 18.9436, 24.2043, 10.1520 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 18.9436, 24.2043, 10.1520 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 18.9436, 24.2043, 10.1520

Background



This preview shows how black text looks on a background with the XYZ color 18.9436, 24.2043, 10.1520.



This preview shows how white text looks on a background with the XYZ color 18.9436, 24.2043,

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

18.9436, 24.2043, 10.1520

Protanopia

22.0140, 24.0788, 9.4486

Deuteranopia

24.4042, 23.8809, 10.5310



Tritanopia

23.0582, 24.1491, 30.6401

Trichromacy



Original Color

18.9436, 24.2043, 10.1520

Protanomaly

20.7394, 24.0481, 9.6796

Deuteranomaly

21.9398, 23.6068, 10.4214

Tritanomaly

21.2310, 24.0450, 21.2915

Monochromacy



Original Color

18.9436, 24.2043, 10.1520

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.8896, 22.5899, 17.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9436, 24.2043, 10.1520 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(121, 143, 74)` looks like.

```
.text, #text, p{  
    color:rgb(121, 143, 74)  
}
```

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(121, 143, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 143, 74) }
```

Border

The CSS property to change the border of an element to XYZ 18.9436, 24.2043, 10.1520 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(121, 143, 74) }
```


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

```
.border{ border-color:rgb(121, 143, 74) }
```

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

Here you see how a box with a 4 pixel rgb(121, 143, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 143, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 143, 74);  
box-shadow:4px 4px 4px 4px rgb(121, 143,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9436, 24.2043, 10.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 143, 74) }
```

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

```
.background{ background-color: rgb(121,  
143, 74) }
```

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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