

Converting Colors

XYZ(19.4118, 24.4453, 8.1675)

Have a look what the booklet for
XYZ(19.4118, 24.4453, 8.1675)
contains.

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Color

**XYZ(19.4172, 24.4939,
8.1193)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8F3D
RGB	127, 143, 61
RGB Percent	50%, 56%, 24%
CMY	0.5020, 0.4392, 0.7608
CMYK	0.11, 0.00, 0.57, 0.44
HSL	72°, 40%, 40%
HSV	72°, 57%, 56%
XYZ	19.4172, 24.4939, 8.1193
YIQ	128.8680, 16.7860, -28.8940

Conversions

Conversions Part 2

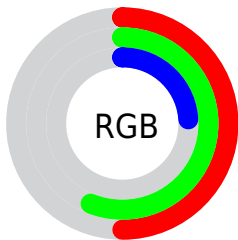
Format	Color
RYB	61, 143, 77
Decimal	8359741
CIELab	56.58, -18.36, 40.95
CIELCh	57, 44.883, 114.149
Yxy	24.4939, 0.3732, 0.4708
Android (android.graphics.Color)	4286549821 (0xFF7F8F3D)
YUV	128.8680, -33.4589, -1.6382
Hunter-Lab	49.4913, -16.5779, 24.9171

Details

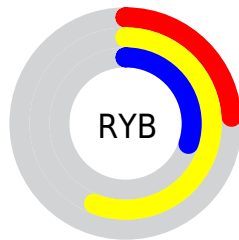
The XYZ color **19.4172, 24.4939, 8.1193** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.6882, 6.8991, 26.8091**, and the grayscale version is **20.9299, 22.0199, 23.9797**.

A 20% lighter version of the original color is **41.8916, 50.9040, 22.6565**, and **6.8598, 9.3421, 1.6714** is the 20% darker color. If you saturate the color by 10%, you get **18.6725, 24.1496, 6.3351**, and if you desaturate by 10%, it is **20.2773, 24.8875, 10.4461**.

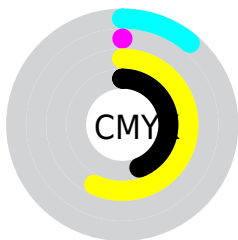
Distribution



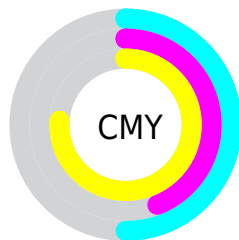
- Red (50%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (30%)



- Cyan (11%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4172, 24.4939, 8.1193 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 19.4172, 24.4939, 8.1193 by changing the saturation by 10% instead.

■ 19.4172, 24.4939,
8.1193

■ 19.4172, 24.4939,
8.1193

241.6365,
275.3081, 186.6342

■ 12.0779, 15.7004,
4.0825

■ 41.9493, 50.8350,
22.7420

■ 6.8693, 9.3124,
1.6707

■ 57.8729, 69.1514,
34.1650

■ 3.4261, 4.9455,
0.3406

■ 77.3886, 91.4108,
48.8872

■ 1.3829, 2.2153,
0.0000

■ 100.8618,
117.9977, 67.3270

■ 0.2440, 0.7283,
0.0000

■ 128.6578,
149.2965, 89.9031

■ 0.0000, 0.0000,
0.0000

■ 161.1420,

185.6916, 117.0340

198.6798,
227.5673, 149.1381

■ 19.4172, 24.4939,
8.1193

■ 19.4172, 24.4939,
8.1193

■ 18.6725, 24.1496,
6.3351

■ 20.2773, 24.8875,
10.4461

■ 18.0331, 23.8477,
5.0479

■ 21.2586, 25.3301,
13.3533

■ 17.4897, 23.5856,
4.2073

■ 22.3686, 25.8254,
16.8769

■ 17.0246, 23.3562,
3.7201

■ 23.6135, 26.3761,
21.0497

■ 16.9057, 23.2973,
3.6058

■ 24.9993, 26.9846,
25.9021

■ 26.5314, 27.6529,
31.4627

■ 28.2150, 28.3832,
37.7582

■ 30.0550, 29.1775,
44.8143

■ 32.0562, 30.0377,
52.6551

Harmonies

Analogous

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



24.3171, 24.4939, 7.0966



19.4172, 24.4939, 8.1193



16.0668, 24.4939, 13.1460

Triad

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



19.4172, 24.4939, 8.1193



17.8915, 24.4939, 57.3475



34.7390, 24.4939, 29.7031

Complementary

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



19.4172, 24.4939, 8.1193



9.6882, 6.8991, 26.8091

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.



32.3836, 24.4939, 47.2545



19.4172, 24.4939, 8.1193



22.2742, 24.4939, 66.6145

Square

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



19.4172, 24.4939, 8.1193



15.2822, 24.4939, 40.2172



27.6255, 24.4939, 62.3601



33.6731, 24.4939, 16.5678

Rectangle

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



19.4172, 24.4939, 8.1193



14.9107, 24.4939, 19.5745



27.6255, 24.4939, 62.3601



34.3114, 24.4939, 35.3006

Sweetspot

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



19.4178, 24.4950, 8.1198



42.2817, 47.2312, 37.6807



14.7576, 11.3508, 5.8283



9.6020, 10.7897, 8.3196



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.



19.4178, 24.4950, 8.1198



33.0614, 43.0692, 10.5346



14.5930, 22.0078, 7.8940



5.7379, 6.2330, 5.7900



14.9638, 20.6067, 3.1888



0.1601, 0.2058, 0.0313

Inverse Universe

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



9.6882, 6.8991, 26.8091



13.9246, 8.3769, 47.4210



13.9681, 9.1055, 27.0094



5.2218, 5.3025, 6.7770



4.8194, 1.9781, 23.1049



0.0606, 0.0264, 0.2216

Previews

White Background



This preview shows how the XYZ color 19.4172, 24.4939, 8.1193 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 19.4172, 24.4939, 8.1193 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 19.4172, 24.4939, 8.1193

Background



This preview shows how black text looks on a background with the XYZ color 19.4172, 24.4939, 8.1193.



This preview shows how white text looks on a background with the XYZ color 19.4172, 24.4939,

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

19.4172, 24.4939, 8.1193

Protanopia

22.3561, 24.5034, 7.6890

Deuteranopia

24.7407, 24.2977, 8.3870



Tritanopia

23.7893, 24.3288, 30.2302

Trichromacy



Original Color

19.4172, 24.4939, 8.1193

Protanomaly

21.2036, 24.5423, 7.8945

Deuteranomaly

22.3994, 24.0958, 8.3209

Tritanomaly

21.6558, 24.0928, 19.4286

Monochromacy



Original Color

19.4172, 24.4939, 8.1193

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.9259, 22.6389, 16.4162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4172, 24.4939, 8.1193 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(127, 143, 61)` looks like.

```
.text, #text, p{  
    color:rgb(127, 143, 61)  
}
```

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(127, 143, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 143, 61) }
```

Border

The CSS property to change the border of an element to XYZ 19.4172, 24.4939, 8.1193 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(127, 143, 61) }
```


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

```
.border{ border-color:rgb(127, 143, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 143, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 143, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 143, 61);  
box-shadow:4px 4px 4px 4px rgb(127, 143,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4172, 24.4939, 8.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 143, 61) }
```

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

```
.background{ background-color: rgb(127,  
143, 61) }
```

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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