

Converting Colors

XYZ(19.7072, 19.4149, 3.4182)

Have a look what the booklet for
XYZ(19.7072, 19.4149, 3.4182)
contains.

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Color

**XYZ(19.7072, 19.4149,
3.4182)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7415
RGB	154, 116, 21
RGB Percent	60%, 45%, 8%
CMY	0.3961, 0.5451, 0.9176
CMYK	0.00, 0.25, 0.86, 0.40
HSL	43°, 76%, 34%
HSV	43°, 86%, 60%
XYZ	19.7072, 19.4149, 3.4182
YIQ	116.5320, 53.1430, -21.4890

Conversions

Conversions Part 2

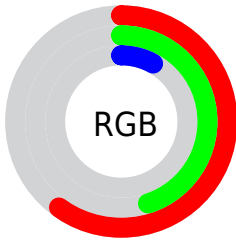
Format	Color
R _Y B	74, 154, 21
Decimal	10122261
CIE Lab	51.17, 6.41, 52.72
CIE LCh	51, 53.105, 83.062
Yxy	19.4149, 0.4633, 0.4564
Android (android.graphics.Color)	4288312341 (0xFF9A7415)
YUV	116.5320, -47.0973, 32.8594
Hunter-Lab	44.0623, 2.7263, 26.2441

Details

The XYZ color **19.7072, 19.4149, 3.4182** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.7060, 5.6204, 31.2505**, and the grayscale version is **16.8936, 17.7734, 19.3553**.

A 20% lighter version of the original color is **42.4240, 42.5103, 12.6259**, and **7.2127, 6.7869, 0.9299** is the 20% darker color. If you saturate the color by 10%, you get **19.1077, 18.3835, 2.7022**, and if you desaturate by 10%, it is **20.4162, 20.5301, 4.5882**.

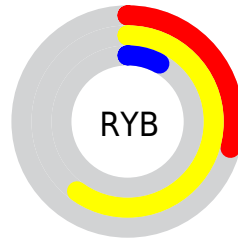
Distribution



Red (60%)

Green (45%)

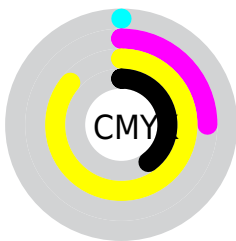
Blue (8%)



Red (29%)

Yellow (60%)

Blue (8%)

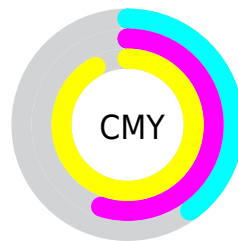


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7072, 19.4149, 3.4182 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 19.7072, 19.4149, 3.4182 by changing the saturation by 10% instead.

■ 19.7072, 19.4149,
3.4182

■ 19.7072, 19.4149,
3.4182

243.1895,
248.7298, 141.5208

■ 12.2894, 11.9705,
1.3119

■ 42.4334, 42.4340,
12.6440

■ 7.0147, 6.7236,
0.0715

■ 58.4726, 58.7775,
20.6007

■ 3.5177, 3.2898,
0.0000

■ 78.1162, 78.8561,
31.3445

■ 1.4331, 1.2849,
0.0000

■ 101.7298,
103.0542, 45.2941

■ 0.2796, 0.1294,
0.0000

■ 129.6785,
131.7562, 62.8680

■ 0.0000, 0.0000,
0.0000

■ 162.3278,

165.3466, 84.4847

200.0430,
204.2096, 110.5628

19.7072, 19.4149,
3.4182

19.7072, 19.4149,
3.4182

19.1077, 18.3835,
2.7022

20.4162, 20.5301,
4.5882

18.9027, 18.0226,
2.4824

21.2505, 21.7336,
6.3007

22.2226, 23.0317,
8.6166

23.3427, 24.4290,
11.5886

24.6200, 25.9295,
15.2634

■ 26.0627, 27.5372,
19.6837

■ 27.6787, 29.2555,
24.8885

■ 29.4750, 31.0879,
30.9142

■ 31.4585, 33.0374,
37.7949

Harmonies

Analogous

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



25.2529, 19.4149, 5.3739



19.7072, 19.4149, 3.4182



14.7545, 19.4149, 4.0839

Triad

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



19.7072, 19.4149, 3.4182



10.5985, 19.4149, 34.7005



27.8176, 19.4149, 43.8742

Complementary

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



19.7072, 19.4149, 3.4182



7.7060, 5.6204, 31.2505

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.



22.7237, 19.4149, 60.7735



19.7072, 19.4149, 3.4182



12.9990, 19.4149, 53.9444

Square

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



19.7072, 19.4149, 3.4182



10.0973, 19.4149, 17.8178



17.2537, 19.4149, 65.1428



30.4801, 19.4149, 24.8504

Rectangle

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



19.7072, 19.4149, 3.4182



12.3520, 19.4149, 6.2159



17.2537, 19.4149, 65.1428



26.2912, 19.4149, 50.3001

Sweetspot

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



19.7076, 19.4159, 3.4186



47.3007, 49.9753, 35.6175



14.4343, 7.7423, 5.1348



10.5084, 11.0946, 7.4451



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.7076, 19.4159, 3.4186



34.1663, 32.3954, 4.4522



20.5032, 27.7082, 4.9772



6.5597, 6.9245, 6.5967



15.4320, 14.7464, 2.0330



0.2612, 0.2814, 0.0405

Inverse Universe

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



7.7060, 5.6204, 31.2505



12.0862, 7.2194, 56.2928



7.3012, 3.4883, 30.8603



6.0211, 6.2995, 7.8276



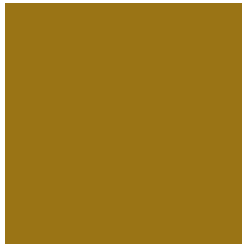
5.5132, 3.4230, 25.2778



0.1106, 0.1075, 0.3873

Previews

White Background



This preview shows how the XYZ color 19.7072, 19.4149, 3.4182 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 19.7072, 19.4149, 3.4182 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 19.7072, 19.4149, 3.4182

Background



This preview shows how black text looks on a background with the XYZ color 19.7072, 19.4149, 3.4182.



This preview shows how white text looks on a background with the XYZ color 19.7072, 19.4149,

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

19.7072, 19.4149, 3.4182

Protanopia

17.7188, 19.6311, 3.6659

Deuteranopia

19.7072, 19.4149, 3.4182



Tritanopia

22.8130, 19.3570, 19.0569

Trichromacy



Original Color

19.7072, 19.4149, 3.4182

Protanomaly

18.3629, 19.4202, 3.5397

Deuteranomaly

19.7072, 19.4149, 3.4182

Tritanomaly

21.0743, 19.1311, 10.3665

Monochromacy



Original Color

19.7072, 19.4149, 3.4182

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.0902, 18.0776, 10.5712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7072, 19.4149, 3.4182 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(154, 116, 21)` looks like.

```
.text, #text, p{  
    color:rgb(154, 116, 21)  
}
```

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(154, 116, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 116, 21) }
```

Border

The CSS property to change the border of an element to XYZ 19.7072, 19.4149, 3.4182 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(154, 116, 21) }
```


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

```
.border{ border-color:rgb(154, 116, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 116, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 116, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 116, 21);  
box-shadow:4px 4px 4px 4px rgb(154, 116,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7072, 19.4149, 3.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 116, 21) }
```

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

```
.background{ background-color: rgb(154,  
116, 21) }
```

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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