

Converting Colors

XYZ(19.5176, 19.3172, 3.4094)

Have a look what the booklet for
XYZ(19.5176, 19.3172, 3.4094)
contains.

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Color

**XYZ(19.5176, 19.3172,
3.4094)**

Conversions

Conversions Part 1

Format	Color
Hex	997415
RGB	153, 116, 21
RGB Percent	60%, 45%, 8%
CMY	0.4000, 0.5451, 0.9176
CMYK	0.00, 0.24, 0.86, 0.40
HSL	43°, 76%, 34%
HSV	43°, 86%, 60%
XYZ	19.5176, 19.3172, 3.4094
YIQ	116.2330, 52.5470, -21.7010

Conversions

Conversions Part 2

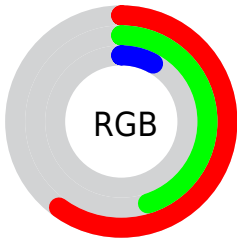
Format	Color
R_{YB}	72, 153, 21
Decimal	10056725
CIE _{Lab}	51.06, 5.95, 52.58
CIE _{LCh}	51, 52.912, 83.544
Yxy	19.3172, 0.4620, 0.4573
Android (android.graphics.Color)	4288246805 (0xFF997415)
YUV	116.2330, -46.9499, 32.2447
Hunter-Lab	43.9513, 2.3522, 26.1667

Details

The XYZ color **19.5176, 19.3172, 3.4094** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.5721, 5.4855, 30.7964**, and the grayscale version is **16.8010, 17.6759, 19.2491**.

A 20% lighter version of the original color is **42.1366, 42.3621, 12.6125**, and **7.1041, 6.7309, 0.9248** is the 20% darker color. If you saturate the color by 10%, you get **18.9309, 18.3105, 2.7003**, and if you desaturate by 10%, it is **20.2116, 20.4049, 4.5669**.

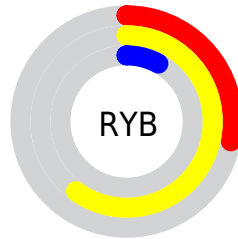
Distribution



Red (60%)

Green (45%)

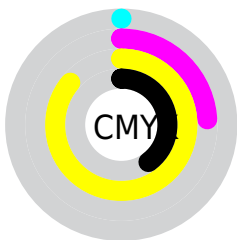
Blue (8%)



Red (28%)

Yellow (60%)

Blue (8%)

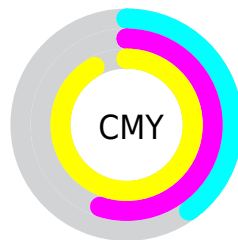


Cyan (0%)

Magenta (24%)

Yellow (86%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5176, 19.3172, 3.4094 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 19.5176, 19.3172, 3.4094 by changing the saturation by 10% instead.

■ 19.5176, 19.3172,
3.4094

■ 19.5176, 19.3172,
3.4094

242.1751,
248.1943, 141.4154

■ 12.1511, 11.8997,
1.3073

■ 42.1171, 42.2694,
12.6230

■ 6.9196, 6.6754,
0.0678

■ 58.0807, 58.5729,
20.5715

■ 3.4577, 3.2600,
0.0000

■ 77.6408, 78.6072,
31.3059

■ 1.4002, 1.2689,
0.0000

■ 101.1627,
102.7567, 45.2448

■ 0.2564, 0.1169,
0.0000

■ 129.0117,
131.4057, 62.8067

■ 0.0000, 0.0000,
0.0000

■ 161.5532,

164.9388, 84.4100

199.1526,
203.7402, 110.4734

19.5176, 19.3172,
3.4094

19.5176, 19.3172,
3.4094

18.9309, 18.3105,
2.7003

20.2116, 20.4049,
4.5669

18.7253, 17.9494,
2.4776

21.0284, 21.5779,
6.2590

21.9800, 22.8424,
8.5458

23.0766, 24.2027,
11.4789

24.3272, 25.6630,
15.1043

■ 25.7398, 27.2269,
19.4639

■ 27.3222, 28.8980,
24.5960

■ 29.0813, 30.6795,
30.5365

■ 31.0238, 32.5744,
37.3189

Harmonies

Analogous

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



25.0273, 19.3172, 5.3069



19.5176, 19.3172, 3.4094



14.6199, 19.3172, 4.1132

Triad

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



19.5176, 19.3172, 3.4094



10.5811, 19.3172, 34.8062



27.7234, 19.3172, 43.2816

Complementary

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



19.5176, 19.3172, 3.4094



7.5721, 5.4855, 30.7964

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.



22.6900, 19.3172, 60.1677



19.5176, 19.3172, 3.4094



12.9970, 19.3172, 53.8592

Square

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



19.5176, 19.3172, 3.4094



10.0531, 19.3172, 17.9506



17.2499, 19.3172, 64.7552



30.3129, 19.3172, 24.4499

Rectangle

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



19.5176, 19.3172, 3.4094



12.2531, 19.3172, 6.2772



17.2499, 19.3172, 64.7552



26.2199, 19.3172, 49.6765

Sweetspot

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



19.5180, 19.3182, 3.4098



46.0326, 48.6906, 34.6524



14.1790, 7.6184, 4.7802



9.9821, 10.5526, 7.0794



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.5180, 19.3182, 3.4098



33.3720, 31.8192, 4.3828



19.8967, 27.1514, 4.9018



6.5625, 6.9301, 6.5976



15.5053, 14.8931, 2.0574



0.2619, 0.2829, 0.0408

Inverse Universe

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



7.5721, 5.4855, 30.7964



11.6992, 6.9228, 54.6916



7.3139, 3.5045, 30.4277



6.0184, 6.2942, 7.8267



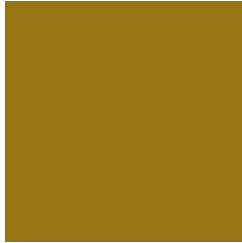
5.4878, 3.3723, 25.2694



0.1098, 0.1060, 0.3870

Previews

White Background



This preview shows how the XYZ color 19.5176, 19.3172, 3.4094 looks on a white background.

Color Contrast Check

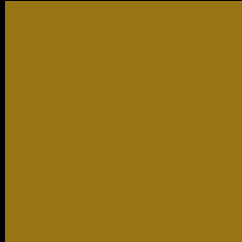
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5176, 19.3172, 3.4094 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 19.5176, 19.3172, 3.4094

Background



This preview shows how black text looks on a background with the XYZ color 19.5176, 19.3172, 3.4094.



This preview shows how white text looks on a background with the XYZ color 19.5176, 19.3172,

3.4094.

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

19.5176, 19.3172, 3.4094

Protanopia

17.4307, 19.2993, 3.6171

Deuteranopia

19.7072, 19.4149, 3.4182



Tritanopia

22.8130, 19.3570, 19.0569

Trichromacy



Original Color

19.5176, 19.3172, 3.4094

Protanomaly

18.1890, 19.3305, 3.5316

Deuteranomaly

19.7072, 19.4149, 3.4182

Tritanomaly

21.0743, 19.1311, 10.3665

Monochromacy



Original Color

19.5176, 19.3172, 3.4094

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7839, 17.7520, 10.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5176, 19.3172, 3.4094 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(153, 116, 21)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 116, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 116, 21) }
```

Border

The CSS property to change the border of an element to XYZ 19.5176, 19.3172, 3.4094 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(153, 116, 21) }
```


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

```
.border{ border-color:rgb(153, 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(153, 116, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 116, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 116, 21);  
box-shadow:4px 4px 4px 4px rgb(153, 116,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5176, 19.3172, 3.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 116, 21) }
```

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

```
.background{ background-color: rgb(153,  
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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