

Converting Colors

XYZ(19.7278, 19.3796, 5.4972)

Have a look what the booklet for
XYZ(19.7278, 19.3796, 5.4972)
contains.

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Color

**XYZ(19.7278, 19.3796,
5.4972)**

Conversions

Conversions Part 1

Format	Color
Hex	987430
RGB	152, 116, 48
RGB Percent	60%, 45%, 19%
CMY	0.4039, 0.5451, 0.8118
CMYK	0.00, 0.24, 0.68, 0.40
HSL	39°, 52%, 39%
HSV	39°, 68%, 60%
XYZ	19.7278, 19.3796, 5.4972
YIQ	119.0120, 43.2840, -13.5160

Conversions

Conversions Part 2

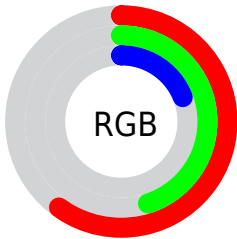
Format	Color
R_{YB}	103, 152, 48
Decimal	9991216
CIE Lab	51.13, 6.69, 41.82
CIE LCh	51, 42.352, 80.907
Yxy	19.3796, 0.4423, 0.4345
Android (android.graphics.Color)	4288181296 (0xFF987430)
YUV	119.0120, -35.0089, 28.9305
Hunter-Lab	44.0223, 2.9526, 23.4119

Details

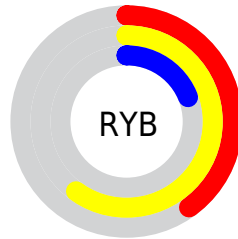
The XYZ color **19.7278, 19.3796, 5.4972** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.0566, 9.2357, 30.9582**, and the grayscale version is **17.6366, 18.5551, 20.2065**.

A 20% lighter version of the original color is **42.4548, 42.4236, 17.2602**, and **6.9969, 6.6756, 0.9197** is the 20% darker color. If you saturate the color by 10%, you get **18.8770, 18.0970, 3.9225**, and if you desaturate by 10%, it is **20.7213, 20.7758, 7.6503**.

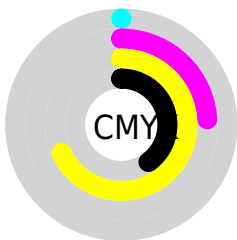
Distribution



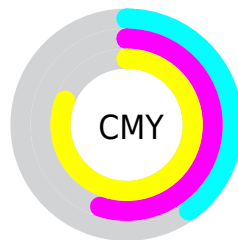
- Red (60%)
- Green (45%)
- Blue (19%)



- Red (40%)
- Yellow (60%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7278, 19.3796, 5.4972 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 19.7278, 19.3796, 5.4972 by changing the saturation by 10% instead.

■ 19.7278, 19.3796,
5.4972

■ 19.7278, 19.3796,
5.4972

243.2995,
248.5364, 163.6430

■ 12.3044, 11.9449,
2.4780

■ 42.4678, 42.3746,
17.3373

■ 7.0250, 6.7062,
0.8285

■ 58.5151, 58.7036,
26.9953

■ 3.5242, 3.2790,
0.0000

■ 78.1678, 78.7662,
39.7034

■ 1.4367, 1.2791,
0.0000

■ 101.7913,
102.9467, 55.8800

■ 0.2821, 0.1249,
0.0000

■ 129.7508,
131.6296, 75.9437

■ 0.0000, 0.0000,
0.0000

■ 162.4118,

165.1993, 100.3131

200.1395,
204.0401, 129.4067

■ 19.7278, 19.3796,
5.4972

■ 19.7278, 19.3796,
5.4972

■ 18.8770, 18.0970,
3.9225

■ 20.7213, 20.7758,
7.6503

■ 18.1556, 16.9194,
2.8642

■ 21.8668, 22.2879,
10.4330

■ 17.5404, 15.8375,
2.2014

■ 23.1738, 23.9213,
13.8922

■ 17.4477, 15.6731,
2.1056

■ 24.6510, 25.6802,
18.0697

■ 26.3061, 27.5688,
23.0043

■ 28.1464, 29.5905,
28.7316

■ 30.1787, 31.7491,
35.2853

■ 32.4095, 34.0477,
42.6968

■ 34.8448, 36.4897,
50.9961

Harmonies

Analogous

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



24.0053, 19.3796, 7.7453



19.7278, 19.3796, 5.4972



15.6816, 19.3796, 6.0161

Triad

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



19.7278, 19.3796, 5.4972



11.8500, 19.3796, 30.4936



25.4374, 19.3796, 39.3378

Complementary

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



19.7278, 19.3796, 5.4972



10.0566, 9.2357, 30.9582

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.



21.4594, 19.3796, 50.9801



19.7278, 19.3796, 5.4972



13.7757, 19.3796, 44.6686

Square

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



19.7278, 19.3796, 5.4972



11.5318, 19.3796, 17.6478



17.1708, 19.3796, 53.2343



27.6163, 19.3796, 24.9778

Rectangle

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



19.7278, 19.3796, 5.4972



13.6147, 19.3796, 7.9895



17.1708, 19.3796, 53.2343



24.2401, 19.3796, 43.8961

Sweetspot

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



19.7282, 19.3805, 5.4976



45.5263, 47.6412, 37.8579



15.6219, 9.4358, 9.4681



10.1786, 10.6361, 8.0993



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.



19.7282, 19.3805, 5.4976



32.6339, 30.8448, 5.8506



21.9801, 27.9376, 7.0306



6.5288, 6.8627, 6.5864



14.6592, 13.2008, 1.7754



0.2528, 0.2647, 0.0378

Inverse Universe

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



10.0566, 9.2357, 30.9582



14.4556, 11.8590, 53.9608



8.8131, 5.4578, 30.2945



6.0506, 6.3586, 7.8374



5.8314, 4.0594, 25.3839



0.1189, 0.1242, 0.3901

Previews

White Background



This preview shows how the XYZ color 19.7278, 19.3796, 5.4972 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 19.7278, 19.3796, 5.4972 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 19.7278, 19.3796, 5.4972

Background



This preview shows how black text looks on a background with the XYZ color 19.7278, 19.3796, 5.4972.



This preview shows how white text looks on a background with the XYZ color 19.7278, 19.3796,

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

19.7278, 19.3796, 5.4972

Protanopia

17.6886, 19.3836, 5.8267

Deuteranopia

19.7278, 19.3796, 5.4972



Tritanopia

22.5842, 19.3897, 19.3819

Trichromacy



Original Color

19.7278, 19.3796, 5.4972

Protanomaly

18.4262, 19.4055, 5.6802

Deuteranomaly

19.7278, 19.3796, 5.4972

Tritanomaly

21.2435, 19.3296, 12.7365

Monochromacy



Original Color

19.7278, 19.3796, 5.4972

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.8143, 18.5725, 13.0019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7278, 19.3796, 5.4972 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(152, 116, 48)` looks like.

```
.text, #text, p{  
    color:rgb(152, 116, 48)  
}
```

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(152, 116, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 116, 48) }
```

Border

The CSS property to change the border of an element to XYZ 19.7278, 19.3796, 5.4972 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(152, 116, 48) }
```


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

```
.border{ border-color:rgb(152, 116, 48) }
```

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

Here you see how a box with a 4 pixel rgb(152, 116, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 116, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 116, 48);  
box-shadow:4px 4px 4px 4px rgb(152, 116,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7278, 19.3796, 5.4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 116, 48) }
```

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

```
.background{ background-color: rgb(152,  
116, 48) }
```

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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