

Converting Colors

XYZ(19.1200, 19.8143, 5.1916)

Have a look what the booklet for
XYZ(19.1200, 19.8143, 5.1916)
contains.

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Color

**XYZ(19.0252, 19.7258,
5.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	92782C
RGB	146, 120, 44
RGB Percent	57%, 47%, 17%
CMY	0.4275, 0.5294, 0.8274
CMYK	0.00, 0.18, 0.70, 0.43
HSL	45°, 54%, 37%
HSV	45°, 70%, 57%
XYZ	19.0252, 19.7258, 5.1876
YIQ	119.1100, 39.8920, -18.1240

Conversions

Conversions Part 2

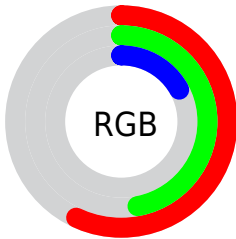
Format	Color
R_{YB}	79, 146, 44
Decimal	9599020
CIE Lab	51.53, 1.42, 43.92
CIE LCh	52, 43.942, 88.144
Yxy	19.7258, 0.4330, 0.4489
Android (android.graphics.Color)	4287789100 (0xFF92782C)
YUV	119.1100, -37.0292, 23.5825
Hunter-Lab	44.4137, -1.2612, 24.1644

Details

The XYZ color **19.0252, 19.7258, 5.1876** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.4172, 6.9909, 28.0998**, and the grayscale version is **17.6747, 18.5951, 20.2501**.

A 20% lighter version of the original color is **41.4015, 43.0097, 16.7093**, and **6.7310, 6.9100, 0.9790** is the 20% darker color. If you saturate the color by 10%, you get **18.3589, 18.7578, 3.8417**, and if you desaturate by 10%, it is **19.8064, 20.7691, 7.0487**.

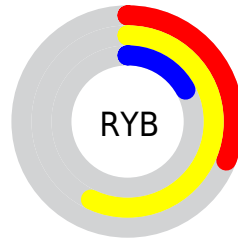
Distribution



Red (57%)

Green (47%)

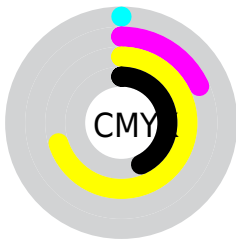
Blue (17%)



Red (31%)

Yellow (57%)

Blue (17%)

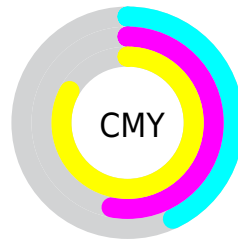


Cyan (0%)

Magenta (18%)

Yellow (70%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0252, 19.7258, 5.1876 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 19.0252, 19.7258, 5.1876 by changing the saturation by 10% instead.

■ 19.0252, 19.7258,
5.1876

■ 19.0252, 19.7258,
5.1876

239.5233,
250.4268, 160.6303

■ 11.7926, 12.1959,
2.2971

■ 41.2932, 42.9570,
16.6674

■ 6.6738, 6.8772,
0.7296

■ 57.0594, 59.4270,
26.0937

■ 3.3035, 3.3854,
0.0000

■ 76.4007, 79.6459,
38.5358

■ 1.3162, 1.3361,
0.0000

■ 99.6826, 103.9981,
54.4121

■ 0.1953, 0.1689,
0.0000

■ 127.2705,
132.8678, 74.1411

■ 0.0000, 0.0000,
0.0000

■ 159.5297,

166.6396, 98.1415

196.8255,
205.6978, 126.8317

■ 19.0252, 19.7258,
5.1876

■ 19.0252, 19.7258,
5.1876

■ 18.3589, 18.7578,
3.8417

■ 19.8064, 20.7691,
7.0487

■ 17.7952, 17.8576,
2.9535

■ 20.7105, 21.8890,
9.4720

■ 17.3068, 17.0148,
2.3778

■ 21.7461, 23.0898,
12.5003

■ 17.3002, 17.0033,
2.3702

■ 22.9207, 24.3751,
16.1720

■ 24.2412, 25.7477,
20.5225

■ 25.7140, 27.2105,
25.5843

■ 27.3449, 28.7662,
31.3879

■ 29.1397, 30.4174,
37.9622

■ 31.1037, 32.1663,
45.3343

Harmonies

Analogous

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



23.5972, 19.7258, 6.7360



19.0252, 19.7258, 5.1876



15.0218, 19.7258, 6.3789

Triad

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



19.0252, 19.7258, 5.1876



12.2136, 19.7258, 35.1126



26.9258, 19.7258, 37.0404

Complementary

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



19.0252, 19.7258, 5.1876



8.4172, 6.9909, 28.0998

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.



23.0462, 19.7258, 50.8508



19.0252, 19.7258, 5.1876



14.6146, 19.7258, 49.4642

Square

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



19.0252, 19.7258, 5.1876



11.4778, 19.7258, 20.6999



18.4751, 19.7258, 56.1073



28.5811, 19.7258, 22.2755

Rectangle

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



19.0252, 19.7258, 5.1876



13.1085, 19.7258, 8.9942



18.4751, 19.7258, 56.1073



25.8114, 19.7258, 42.1356

Sweetspot

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



19.0257, 19.7268, 5.1880



42.3827, 45.0330, 34.9228



13.8986, 8.3700, 6.8783



9.2994, 9.8852, 7.3393



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.



19.0257, 19.7268, 5.1880



31.7860, 32.1497, 5.7714



18.7880, 24.8918, 6.1975



6.1416, 6.4970, 6.1708



15.2427, 14.9998, 2.0919



0.2102, 0.2308, 0.0335

Inverse Universe

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



8.4172, 6.9909, 28.0998



11.9211, 8.3946, 48.9656



8.4592, 5.0987, 27.7324



5.6125, 5.8590, 7.3048



5.1696, 3.0340, 24.2442



0.0841, 0.0788, 0.3037

Previews

White Background



This preview shows how the XYZ color 19.0252, 19.7258, 5.1876 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 19.0252, 19.7258, 5.1876 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 19.0252, 19.7258, 5.1876

Background



This preview shows how black text looks on a background with the XYZ color 19.0252, 19.7258, 5.1876.



This preview shows how white text looks on a background with the XYZ color 19.0252, 19.7258,

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

19.0252, 19.7258, 5.1876

Protanopia

17.8731, 19.6737, 5.3380

Deuteranopia

19.9718, 19.6843, 5.2295



Tritanopia

22.1943, 19.6442, 20.7111

Trichromacy



Original Color

19.0252, 19.7258, 5.1876

Protanomaly

18.2484, 19.6840, 5.3202

Deuteranomaly

19.5298, 19.6304, 5.2423

Tritanomaly

20.6842, 19.5358, 13.0365

Monochromacy



Original Color

19.0252, 19.7258, 5.1876

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5819, 18.6335, 12.7952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0252, 19.7258, 5.1876 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(146, 120, 44)` looks like.

```
.text, #text, p{  
    color:rgb(146, 120, 44)  
}
```

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(146, 120, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 120, 44) }
```

Border

The CSS property to change the border of an element to XYZ 19.0252, 19.7258, 5.1876 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(146, 120, 44) }
```


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

```
.border{ border-color:rgb(146, 120, 44) }
```

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

Here you see how a box with a 4 pixel rgb(146, 120, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 120, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 120, 44);  
box-shadow:4px 4px 4px 4px rgb(146, 120,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0252, 19.7258, 5.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 120, 44) }
```

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

```
.background{ background-color: rgb(146,  
120, 44) }
```

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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