

Converting Colors

XYZ(18.9326, 15.0683, 9.9569)

Have a look what the booklet for
XYZ(18.9326, 15.0683, 9.9569)
contains.

XYZ(18.8895, 14.9894, 9.8803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.8895, 14.9894,
9.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5A52
RGB	156, 90, 82
RGB Percent	61%, 35%, 32%
CMY	0.3882, 0.6470, 0.6784
CMYK	0.00, 0.42, 0.47, 0.39
HSL	6°, 31%, 47%
HSV	6°, 47%, 61%
XYZ	18.8895, 14.9894, 9.8803
YIQ	108.8220, 41.9040, 11.5040

Conversions

Conversions Part 2

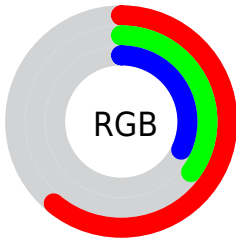
Format	Color
R_{YB}	156, 91, 82
Decimal	10246738
CIE Lab	45.62, 26.18, 16.37
CIE LCh	46, 30.878, 32.009
Yxy	14.9894, 0.4317, 0.3425
Android (android.graphics.Color)	4288436818 (0xFF9C5A52)
YUV	108.8220, -13.2232, 41.3751
Hunter-Lab	38.7161, 19.3364, 11.9706

Details

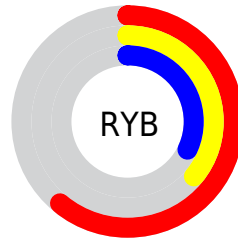
The XYZ color **18.8895, 14.9894, 9.8803** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.0700, 25.3731, 35.2923**, and the grayscale version is **14.5137, 15.2695, 16.6285**.

A 20% lighter version of the original color is **41.0622, 34.8346, 26.0323**, and **6.6414, 4.6143, 2.2909** is the 20% darker color. If you saturate the color by 10%, you get **17.2963, 12.6475, 6.7460**, and if you desaturate by 10%, it is **20.8381, 17.8262, 13.7992**.

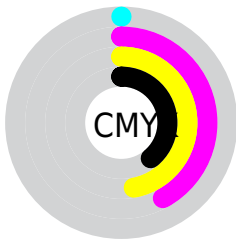
Distribution



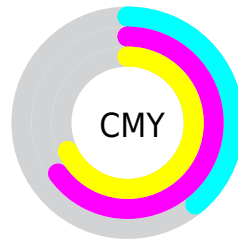
- Red (61%)
- Green (35%)
- Blue (32%)



- Red (61%)
- Yellow (36%)
- Blue (32%)



- Cyan (0%)
- Magenta (42%)
- Yellow (47%)
- Black (39%)



- Cyan (39%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8895, 14.9894, 9.8803 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 18.8895, 14.9894, 9.8803 by changing the saturation by 10% instead.

■ 18.8895, 14.9894,
9.8803

■ 18.8895, 14.9894,
9.8803

238.7879,
223.3021, 200.2693

■ 11.6940, 8.8119,
5.2151

■ 41.0656, 34.8346,
26.1744

■ 6.6064, 4.6187,
2.3131

■ 56.7769, 49.2711,
38.6404

■ 3.2613, 2.0253,
0.7385

■ 76.0576, 67.2294,
54.5437

■ 1.2934, 0.6221,
0.0000

■ 99.2729, 89.0940,
74.3029

■ 0.1783, 0.0000,
0.0000

■ 126.7882,
115.2491, 98.3365

■ 0.0000, 0.0000,
0.0000

158.9689,

146.0792, 127.0631

196.1804,
181.9688, 160.9012

■ 18.8895, 14.9894,
9.8803

■ 18.8895, 14.9894,
9.8803

■ 17.2963, 12.6475,
6.7460

■ 20.8381, 17.8262,
13.7992

■ 16.0358, 10.7699,
4.3426

■ 23.1607, 21.1815,
18.5499

■ 15.0846, 9.3262,
2.6109


■ 25.8760, 25.0804,
24.1767


■ 14.4153, 8.2814,
1.4820


■ 29.0009, 29.5455,
30.7208


■ 13.9903, 7.5927,
0.8430


■ 32.5517, 34.5982,
38.2206

 13.9088, 7.4649,
0.7078

 36.5434, 40.2587,
46.7123

 40.9905, 46.5464,
56.2302

 45.9068, 53.4797,
66.8071

 51.3054, 61.0762,
78.4742

Harmonies

Analogous

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



19.8122, 14.9894, 15.8271



18.8895, 14.9894, 9.8803



16.7086, 14.9894, 6.7040

Triad

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



18.8895, 14.9894, 9.8803



10.2943, 14.9894, 10.5116



14.4219, 14.9894, 35.0738

Complementary

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



18.8895, 14.9894, 9.8803



20.0700, 25.3731, 35.2923

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.



12.0398, 14.9894, 32.3878



18.8895, 14.9894, 9.8803



9.8357, 14.9894, 16.8248

Square

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



18.8895, 14.9894, 9.8803



11.7722, 14.9894, 6.9835



10.4352, 14.9894, 25.0856



17.0464, 14.9894, 31.6064

Rectangle

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



18.8895, 14.9894, 9.8803



14.9490, 14.9894, 5.8954



10.4352, 14.9894, 25.0856



13.5673, 14.9894, 34.8587

Sweetspot

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



18.8899, 14.9902, 9.8806



48.7088, 48.0015, 47.4824



22.1207, 15.2598, 30.0463



10.4764, 10.2167, 9.9435



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.



18.8899, 14.9902, 9.8806



31.2373, 22.7085, 11.9086



22.7455, 22.7015, 11.1658



6.6880, 6.7559, 6.9372



11.4703, 6.1761, 0.5876



0.2199, 0.1400, 0.0154

Inverse Universe

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



20.0700, 25.3731, 35.2923



33.6205, 43.8675, 63.8220



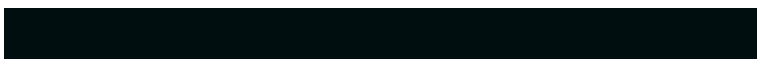
15.2307, 15.6946, 33.6792



6.7606, 7.3869, 8.4762



12.5782, 17.2479, 28.5735



0.2407, 0.3400, 0.5162

Previews

White Background



This preview shows how the XYZ color 18.8895, 14.9894, 9.8803 looks on a white background.

Color Contrast Check

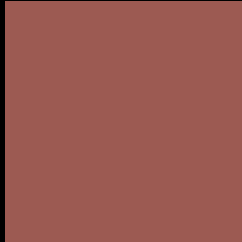
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.8895, 14.9894, 9.8803 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8895, 14.9894, 9.8803

Background



This preview shows how black text looks on a background with the XYZ color 18.8895, 14.9894, 9.8803.



This preview shows how white text looks on a background with the XYZ color 18.8895, 14.9894,

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

18.8895, 14.9894, 9.8803

Protanopia

14.1475, 15.0407, 11.8304

Deuteranopia

15.2637, 15.0543, 9.4984



Tritanopia

19.4599, 14.9738, 12.6910

Trichromacy



Original Color

18.8895, 14.9894, 9.8803

Protanomaly

15.4272, 14.6626, 11.0339

Deuteranomaly

16.3910, 14.9061, 9.6027

Tritanomaly

19.3225, 15.0510, 11.5596

Monochromacy



Original Color

18.8895, 14.9894, 9.8803

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.6077, 14.8392, 13.8460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8895, 14.9894, 9.8803 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(156, 90, 82)` looks like.

```
.text, #text, p{  
    color:rgb(156, 90, 82)  
}
```

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(156, 90, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 90, 82) }
```

Border

The CSS property to change the border of an element to XYZ 18.8895, 14.9894, 9.8803 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(156, 90, 82) }
```


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

```
.border{ border-color:rgb(156, 90, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 90, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 90, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 90, 82);  
box-shadow:4px 4px 4px 4px rgb(156, 90,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8895, 14.9894, 9.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 90, 82) }
```

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

```
.background{ background-color: rgb(156, 90,  
82) }
```

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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