

Converting Colors

XYZ(19.1261, 15.3761, 9.2819)

Have a look what the booklet for
XYZ(19.1261, 15.3761, 9.2819)
contains.

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Color

**XYZ(19.1431, 15.3869,
9.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5C4F
RGB	157, 92, 79
RGB Percent	62%, 36%, 31%
CMY	0.3843, 0.6392, 0.6902
CMYK	0.00, 0.41, 0.50, 0.38
HSL	10°, 33%, 46%
HSV	10°, 50%, 62%
XYZ	19.1431, 15.3869, 9.3582
YIQ	109.9530, 42.9130, 9.7370

Conversions

Conversions Part 2

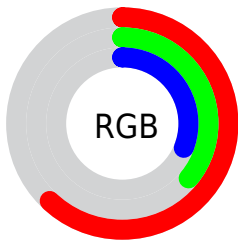
Format	Color
R_{YB}	157, 95, 79
Decimal	10312783
CIE Lab	46.16, 25.16, 18.91
CIE LCh	46, 31.471, 36.932
Yxy	15.3869, 0.4362, 0.3506
Android (android.graphics.Color)	4288502863 (0xFF9D5C4F)
YUV	109.9530, -15.2598, 41.2602
Hunter-Lab	39.2261, 18.4656, 13.3135

Details

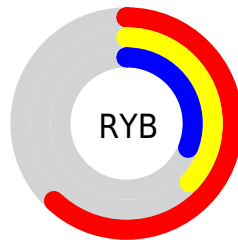
The XYZ color **19.1431, 15.3869, 9.3582** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2831, 24.0422, 35.5226**, and the grayscale version is **14.8417, 15.6146, 17.0043**.

A 20% lighter version of the original color is **41.4503, 35.4996, 25.0895**, and **6.6689, 4.7416, 2.0771** is the 20% darker color. If you saturate the color by 10%, you get **17.6006, 13.1110, 6.3499**, and if you desaturate by 10%, it is **21.0171, 18.1098, 13.1432**.

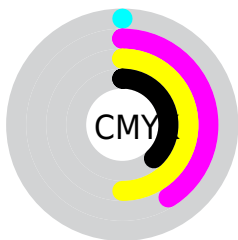
Distribution



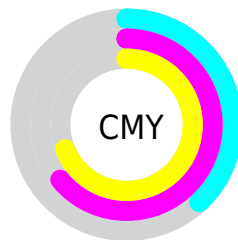
- Red (62%)
- Green (36%)
- Blue (31%)



- Red (62%)
- Yellow (37%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (38%)





- Cyan (38%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.1431, 15.3869, 9.3582 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 19.1431, 15.3869, 9.3582 by changing the saturation by 10% instead.


 19.1431, 15.3869,
9.3582


 19.1431, 15.3869,
9.3582


240.1606,
225.6962, 196.3434


 11.8783, 9.0914,
4.8756


 41.4908, 35.5305,
25.1698


 6.7325, 4.8008,
2.1170


 57.3044, 50.1474,
37.3358

 3.3402, 2.1309,
0.6258

 76.6984, 68.3068,
52.9001

 1.3361, 0.6819,
0.0000

 100.0380, 90.3932,
72.2811

 0.2100, 0.0000,
0.0000

 127.6887,
116.7909, 95.8974

 0.0000, 0.0000,
0.0000

160.0158,

147.8844, 124.1675

197.3846,
184.0580, 157.5100

■ 19.1431, 15.3869,
9.3582

■ 19.1431, 15.3869,
9.3582

■ 17.6006, 13.1110,
6.3499

■ 21.0171, 18.1098,
13.1432

■ 16.3688, 11.2559,
4.0632

■ 23.2394, 21.2995,
17.7530

■ 15.4260, 9.7959,
2.4372

■ 25.8273, 24.9775,
23.2328

■ 14.7475, 8.7018,
1.4005

■ 28.7963, 29.1633,
29.6243

■ 14.2900, 7.9344,
0.7927

■ 32.1611, 33.8751,
36.9665

■ 14.2779, 7.9146,
0.7751

■ 35.9356, 39.1304,
45.2962

■ 40.1332, 44.9459,
54.6480

■ 44.7664, 51.3374,
65.0552

■ 49.8473, 58.3203,
76.5492

Harmonies

Analogous

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



20.3603, 15.3869, 15.0349



19.1431, 15.3869, 9.3582



16.7384, 15.3869, 6.5130

Triad

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



19.1431, 15.3869, 9.3582



10.3773, 15.3869, 11.6106



15.2556, 15.3869, 36.0908

Complementary

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



19.1431, 15.3869, 9.3582



19.2831, 24.0422, 35.5226

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.



12.6970, 15.3869, 34.3317



19.1431, 15.3869, 9.3582



10.0823, 15.3869, 18.5988

Square

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



19.1431, 15.3869, 9.3582



11.7417, 15.3869, 7.5086



10.8800, 15.3869, 27.2787



17.9450, 15.3869, 31.5374

Rectangle

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



19.1431, 15.3869, 9.3582



14.9024, 15.3869, 5.9149



10.8800, 15.3869, 27.2787



14.3507, 15.3869, 36.2357

Sweetspot

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



19.1435, 15.3877, 9.3585



48.5038, 47.9107, 46.4297



21.7348, 14.7738, 28.0917



10.4497, 10.2273, 9.7371



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.



19.1435, 15.3877, 9.3585



31.1615, 22.9443, 10.6894



23.4323, 23.9653, 10.7881



6.7180, 6.8160, 6.9472



11.6158, 6.4671, 0.6361



0.2296, 0.1595, 0.0187

Inverse Universe

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



19.2831, 24.0422, 35.5226



31.4005, 40.2484, 63.2405



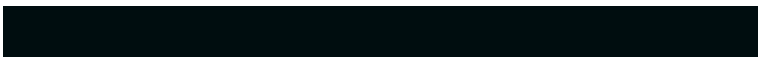
14.3620, 14.1999, 33.8822



6.7277, 7.3211, 8.4652



11.5389, 15.1693, 28.2270



0.2291, 0.3168, 0.5123

Previews

White Background



This preview shows how the XYZ color 19.1431, 15.3869, 9.3582 looks on a white background.

Color Contrast Check

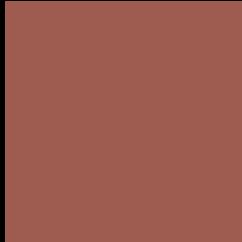
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1431, 15.3869, 9.3582 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 19.1431, 15.3869, 9.3582

Background



This preview shows how black text looks on a background with the XYZ color 19.1431, 15.3869, 9.3582.



This preview shows how white text looks on a background with the XYZ color 19.1431, 15.3869,

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

19.1431, 15.3869, 9.3582

Protanopia

14.6323, 15.6219, 11.2609

Deuteranopia

15.7512, 15.4643, 9.1759



Tritanopia

19.8680, 15.4260, 12.9967

Trichromacy



Original Color

19.1431, 15.3869, 9.3582

Protanomaly

15.9662, 15.2461, 10.4888

Deuteranomaly

16.7475, 15.2399, 9.2666

Tritanomaly

19.6871, 15.4895, 11.6250

Monochromacy



Original Color

19.1431, 15.3869, 9.3582

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.8548, 15.1134, 13.8859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1431, 15.3869, 9.3582 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(157, 92, 79)` looks like.

```
.text, #text, p{  
    color:rgb(157, 92, 79)  
}
```

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(157, 92, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 92, 79) }
```

Border

The CSS property to change the border of an element to XYZ 19.1431, 15.3869, 9.3582 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(157, 92, 79) }
```


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

```
.border{ border-color:rgb(157, 92, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 92, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 92, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 92, 79);  
box-shadow:4px 4px 4px 4px rgb(157, 92,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1431, 15.3869, 9.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 92, 79) }
```

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

```
.background{ background-color: rgb(157, 92,  
79) }
```

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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