

Converting Colors

XYZ(19.0248, 15.1193, 7.3084)

Have a look what the booklet for
XYZ(19.0248, 15.1193, 7.3084)
contains.

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Color

**XYZ(18.9976, 15.1006,
7.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5A44
RGB	159, 90, 68
RGB Percent	62%, 35%, 27%
CMY	0.3765, 0.6470, 0.7333
CMYK	0.00, 0.43, 0.57, 0.38
HSL	15°, 40%, 45%
HSV	15°, 57%, 62%
XYZ	18.9976, 15.1006, 7.3823
YIQ	108.1230, 48.1860, 7.7860

Conversions

Conversions Part 2

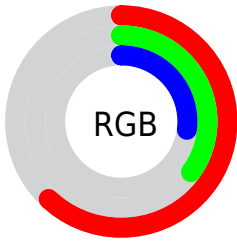
Format	Color
R_{YB}	159, 97, 68
Decimal	10443332
CIE _{Lab}	45.77, 26.08, 24.95
CIE _{LCh}	46, 36.095, 43.727
Yxy	15.1006, 0.4580, 0.3640
Android (android.graphics.Color)	4288633412 (0xFF9F5A44)
YUV	108.1230, -19.7806, 44.6191
Hunter-Lab	38.8595, 19.2608, 15.9381

Details

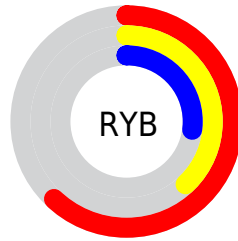
The XYZ color **18.9976, 15.1006, 7.3823** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.5870, 21.6223, 36.0473**, and the grayscale version is **14.3331, 15.0795, 16.4216**.

A 20% lighter version of the original color is **41.3510, 35.0858, 21.4224**, and **6.5864, 4.6054, 1.4060** is the 20% darker color. If you saturate the color by 10%, you get **17.6409, 13.0613, 4.8521**, and if you desaturate by 10%, it is **20.6516, 17.5240, 10.6612**.

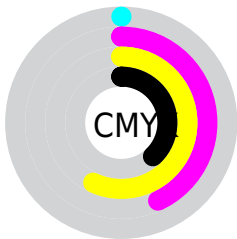
Distribution



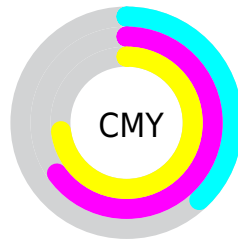
- Red (62%)
- Green (35%)
- Blue (27%)



- Red (62%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (43%)
- Yellow (57%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9976, 15.1006, 7.3823 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 18.9976, 15.1006, 7.3823 by changing the saturation by 10% instead.

■ 18.9976, 15.1006,
7.3823

■ 18.9976, 15.1006,
7.3823

239.3739,
223.9743, 180.5533

■ 11.7725, 8.8900,
3.6203

■ 41.2469, 35.0296,
21.2641

■ 6.6601, 4.6695,
1.4194

■ 57.0019, 49.5167,
32.2209

■ 3.2949, 2.0547,
0.1568

■ 76.3310, 67.5316,
46.4131

■ 1.3115, 0.6390,
0.0000

■ 99.5994, 89.4584,
64.2592

■ 0.1918, 0.0000,
0.0000

■ 127.1725,
115.6818, 86.1777

■ 0.0000, 0.0000,
0.0000

159.4157,

146.5859, 112.5872

196.6944,
182.5553, 143.9062

■ 18.9976, 15.1006,
7.3823

■ 18.9976, 15.1006,
7.3823

■ 17.6409, 13.0613,
4.8521

■ 20.6516, 17.5240,
10.6612

■ 16.5615, 11.3836,
3.0096

■ 22.6189, 20.3478,
14.7415

■ 15.7386, 10.0458,
1.7855

■ 24.9157, 23.5903,
19.6721

■ 15.1424, 9.0211,
1.0695

■ 27.5565, 27.2678,
25.4977

■ 15.0055, 8.7858,
0.9050

■ 30.5551, 31.3958,
32.2599

■ 33.9245, 35.9890,
39.9975

■ 37.6770, 41.0615,
48.7474

■ 41.8243, 46.6266,
58.5443

■ 46.3776, 52.6974,
69.4215

Harmonies

Analogous

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



20.8027, 15.1006, 12.7856



18.9976, 15.1006, 7.3823



16.0513, 15.1006, 5.0491

Triad

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



18.9976, 15.1006, 7.3823



9.4469, 15.1006, 12.1883



15.7828, 15.1006, 38.6152

Complementary

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



18.9976, 15.1006, 7.3823



17.5870, 21.6223, 36.0473

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.



12.7783, 15.1006, 38.2765



18.9976, 15.1006, 7.3823



9.3962, 15.1006, 20.7364

Square

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



18.9976, 15.1006, 7.3823



10.6842, 15.1006, 7.0785



10.5342, 15.1006, 30.9156



18.7773, 15.1006, 31.7228

Rectangle

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



18.9976, 15.1006, 7.3823



13.9766, 15.1006, 4.7659



10.5342, 15.1006, 30.9156



14.7354, 15.1006, 39.4016

Sweetspot

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



18.9980, 15.1014, 7.3826



49.3055, 48.7707, 45.5616



20.9357, 13.3335, 25.4264



10.9063, 10.7048, 9.8052



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



18.9980, 15.1014, 7.3826



30.9467, 22.3989, 7.5474



23.9682, 25.0419, 9.0393



6.7569, 6.8937, 6.9602



11.8804, 6.9964, 0.7243



0.2421, 0.1844, 0.0228

Inverse Universe

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



17.5870, 21.6223, 36.0473



28.0932, 35.1127, 64.0402



12.4923, 11.4329, 34.3490



6.6859, 7.2375, 8.4513



10.3339, 12.7594, 27.8254



0.2151, 0.2887, 0.5076

Previews

White Background



This preview shows how the XYZ color 18.9976, 15.1006, 7.3823 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 18.9976, 15.1006, 7.3823 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 18.9976, 15.1006, 7.3823

Background



This preview shows how black text looks on a background with the XYZ color 18.9976, 15.1006, 7.3823.



This preview shows how white text looks on a background with the XYZ color 18.9976, 15.1006,

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

18.9976, 15.1006, 7.3823

Protanopia

14.2099, 15.2968, 8.8603

Deuteranopia

15.4202, 15.1878, 7.1198



Tritanopia

20.0819, 15.1838, 12.2283

Trichromacy



Original Color

18.9976, 15.1006, 7.3823

Protanomaly

15.5939, 14.9572, 8.1960

Deuteranomaly

16.6005, 15.0678, 7.1877

Tritanomaly

19.5872, 15.0931, 10.2684

Monochromacy



Original Color

18.9976, 15.1006, 7.3823

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.3819, 14.6097, 12.3652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9976, 15.1006, 7.3823 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(159, 90, 68)` looks like.

```
.text, #text, p{  
    color:rgb(159, 90, 68)  
}
```

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(159, 90, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 90, 68) }
```

Border

The CSS property to change the border of an element to XYZ 18.9976, 15.1006, 7.3823 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(159, 90, 68) }
```


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

```
.border{ border-color:rgb(159, 90, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 90, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 90, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 90, 68);  
box-shadow:4px 4px 4px 4px rgb(159, 90,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9976, 15.1006, 7.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 90, 68) }
```

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

```
.background{ background-color: rgb(159, 90,  
68) }
```

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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