

Converting Colors

XYZ(18.6793, 14.9411, 10.1772)

Have a look what the booklet for
XYZ(18.6793, 14.9411, 10.1772)
contains.

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Color

**XYZ(18.6288, 14.9767,
10.0926)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5B53
RGB	154, 91, 83
RGB Percent	60%, 36%, 33%
CMY	0.3961, 0.6431, 0.6745
CMYK	0.00, 0.41, 0.46, 0.40
HSL	7°, 30%, 46%
HSV	7°, 46%, 60%
XYZ	18.6288, 14.9767, 10.0926
YIQ	108.9250, 40.1160, 10.8680

Conversions

Conversions Part 2

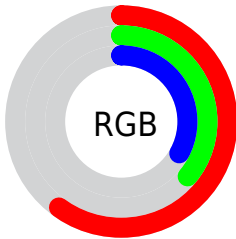
Format	Color
R_{YB}	154, 92, 83
Decimal	10115923
CIE _{Lab}	45.60, 24.91, 15.70
CIE _{LCh}	46, 29.444, 32.218
Yxy	14.9767, 0.4263, 0.3427
Android (android.graphics.Color)	4288306003 (0xFF9A5B53)
YUV	108.9250, -12.7810, 39.5308
Hunter-Lab	38.6997, 18.1996, 11.6274

Details

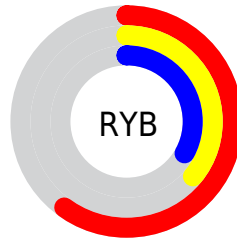
The XYZ color **18.6288, 14.9767, 10.0926** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6784, 24.7287, 34.3076**, and the grayscale version is **14.5420, 15.2993, 16.6610**.

A 20% lighter version of the original color is **40.7018, 34.8608, 26.4134**, and **6.5061, 4.6506, 2.3885** is the 20% darker color. If you saturate the color by 10%, you get **17.0354, 12.6380, 6.9467**, and if you desaturate by 10%, it is **20.5678, 17.7951, 14.0055**.

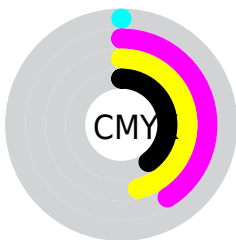
Distribution



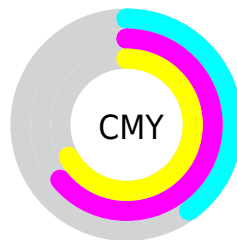
- Red (60%)
- Green (36%)
- Blue (33%)



- Red (60%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (41%)
- Yellow (46%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6288, 14.9767, 10.0926 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 18.6288, 14.9767, 10.0926 by changing the saturation by 10% instead.

■ 18.6288, 14.9767,
10.0926

■ 18.6288, 14.9767,
10.0926

237.3694,
223.2252, 201.8405

■ 11.5048, 8.8030,
5.3540

■ 40.6277, 34.8123,
26.5801

■ 6.4772, 4.6129,
2.3941

■ 56.2332, 49.2430,
39.1660

■ 3.1808, 2.0220,
0.7832

■ 75.3966, 67.1949,
55.2048

■ 1.2501, 0.6202,
0.0000

■ 98.4833, 89.0523,
75.1150

■ 0.1454, 0.0000,
0.0000

■ 125.8585,
115.1996, 99.3151

■ 0.0000, 0.0000,
0.0000

157.8877,

146.0213, 128.2237

194.9363,
181.9017, 162.2593

■ 18.6288, 14.9767,
10.0926

■ 18.6288, 14.9767,
10.0926

■ 17.0354, 12.6380,
6.9467

■ 20.5678, 17.7951,
14.0055

■ 15.7659, 10.7501,
4.5166

■ 22.8699, 21.1156,
18.7306

■ 14.7983, 9.2846,
2.7461

■ 25.5529, 24.9618,
24.3103

■ 14.1069, 8.2086,
1.5700

■ 28.6330, 29.3552,
30.7840

■ 13.6594, 7.4835,
0.8969

■ 32.1256, 34.3160,
38.1885

■ 13.5324, 7.2821,
0.6924

■ 36.0450, 39.8635,
46.5588

■ 40.4050, 46.0161,
55.9277

■ 45.2189, 52.7912,
66.3268

■ 50.4992, 60.2056,
77.7862

Harmonies

Analogous

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



19.5105, 14.9767, 15.7878



18.6288, 14.9767, 10.0926



16.5582, 14.9767, 7.0107

Triad

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



18.6288, 14.9767, 10.0926



10.4429, 14.9767, 10.7674



14.4190, 14.9767, 33.9595

Complementary

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



18.6288, 14.9767, 10.0926



19.6784, 24.7287, 34.3076

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.



12.1398, 14.9767, 31.4892



18.6288, 14.9767, 10.0926



10.0080, 14.9767, 16.8377

Square

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



18.6288, 14.9767, 10.0926



11.8565, 14.9767, 7.3140



10.5927, 14.9767, 24.6589



16.9118, 14.9767, 30.6822

Rectangle

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



18.6288, 14.9767, 10.0926



14.8858, 14.9767, 6.2228



10.5927, 14.9767, 24.6589



13.6033, 14.9767, 33.7728

Sweetspot

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



18.6292, 14.9775, 10.0929



47.3843, 46.7247, 46.1819



21.6783, 15.1601, 29.3461



10.4828, 10.2294, 9.9457



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.



18.6292, 14.9775, 10.0929



30.9463, 22.9581, 12.6194



22.2975, 22.3142, 11.3157



6.2621, 6.3293, 6.4975



11.0399, 5.9622, 0.5689



0.1779, 0.1149, 0.0128

Inverse Universe

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



19.6784, 24.7287, 34.3076



33.0649, 42.8229, 62.0592



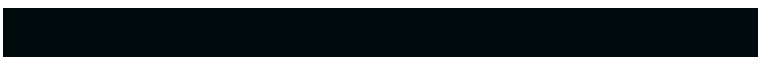
15.1283, 15.6286, 32.7909



6.3251, 6.9076, 7.9289



12.0150, 16.4267, 27.4451



0.1943, 0.2750, 0.4152

Previews

White Background



This preview shows how the XYZ color 18.6288, 14.9767, 10.0926 looks on a white background.

Color Contrast Check

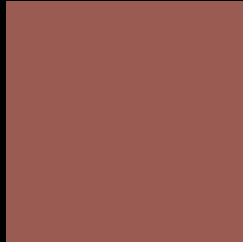
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6288, 14.9767, 10.0926 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 18.6288, 14.9767, 10.0926

Background



This preview shows how black text looks on a background with the XYZ color 18.6288, 14.9767, 10.0926.



This preview shows how white text looks on a background with the XYZ color 18.6288, 14.9767,

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

18.6288, 14.9767, 10.0926

Protanopia

14.1903, 15.0579, 12.0561

Deuteranopia

15.3376, 15.0839, 9.8877



Tritanopia

19.2013, 14.9578, 12.9415

Trichromacy



Original Color

18.6288, 14.9767, 10.0926

Protanomaly

15.5661, 14.8745, 11.2832

Deuteranomaly

16.3014, 14.8512, 9.9900

Tritanomaly

19.0621, 15.0362, 11.7951

Monochromacy



Original Color

18.6288, 14.9767, 10.0926

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.5091, 14.7828, 14.0925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6288, 14.9767, 10.0926 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(154, 91, 83)` looks like.

```
.text, #text, p{  
    color:rgb(154, 91, 83)  
}
```

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(154, 91, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 91, 83) }
```

Border

The CSS property to change the border of an element to XYZ 18.6288, 14.9767, 10.0926 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(154, 91, 83) }
```


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

```
.border{ border-color:rgb(154, 91, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 91, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 91, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 91, 83);  
box-shadow:4px 4px 4px 4px rgb(154, 91,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6288, 14.9767, 10.0926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 91, 83) }
```

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

```
.background{ background-color: rgb(154, 91,  
83) }
```

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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