

Converting Colors

XYZ(18.5127, 15.4091, 8.9274)

Have a look what the booklet for
XYZ(18.5127, 15.4091, 8.9274)
contains.

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Color

**XYZ(18.5686, 15.4925,
9.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	995F4D
RGB	153, 95, 77
RGB Percent	60%, 37%, 30%
CMY	0.4000, 0.6274, 0.6980
CMYK	0.00, 0.38, 0.50, 0.40
HSL	14°, 33%, 45%
HSV	14°, 50%, 60%
XYZ	18.5686, 15.4925, 9.0329
YIQ	110.2900, 40.3460, 6.6980

Conversions

Conversions Part 2

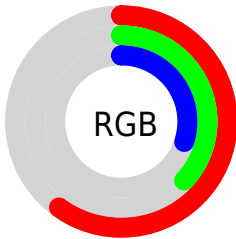
Format	Color
RYB	153, 101, 77
Decimal	10051405
CIELab	46.30, 21.58, 20.19
CIElCh	46, 29.554, 43.089
Yxy	15.4925, 0.4309, 0.3595
Android (android.graphics.Color)	4288241485 (0xFF995F4D)
YUV	110.2900, -16.4120, 37.4567
Hunter-Lab	39.3605, 15.3277, 13.9458

Details

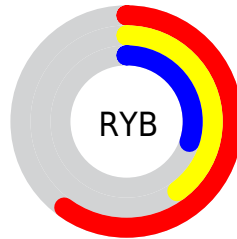
The XYZ color **18.5686, 15.4925, 9.0329** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4739, 21.2047, 33.3088**, and the grayscale version is **14.9423, 15.7204, 17.1195**.

A 20% lighter version of the original color is **40.6231, 35.7658, 24.5011**, and **6.4633, 4.8708, 1.9660** is the 20% darker color. If you saturate the color by 10%, you get **17.1166, 13.3537, 6.1899**, and if you desaturate by 10%, it is **20.3061, 17.9990, 12.5983**.

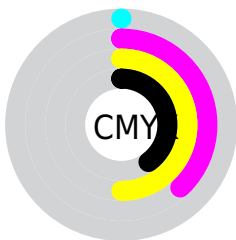
Distribution



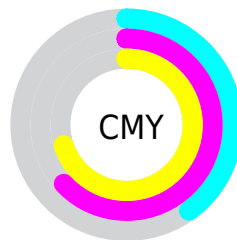
- Red (60%)
- Green (37%)
- Blue (30%)



- Red (60%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (38%)
- Yellow (50%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5686, 15.4925, 9.0329 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 18.5686, 15.4925, 9.0329 by changing the saturation by 10% instead.

■ 18.5686, 15.4925,
9.0329

■ 18.5686, 15.4925,
9.0329

237.0408,
226.3281, 193.8502

■ 11.4611, 9.1658,
4.6655

■ 40.5264, 35.7149,
24.5386

■ 6.4475, 4.8495,
1.9971

■ 56.1074, 50.3793,
36.5140

■ 3.1623, 2.1592,
0.5535

■ 75.2437, 68.5918,
51.8625

■ 1.2401, 0.6976,
0.0000

■ 98.3005, 90.7366,
71.0026

■ 0.1377, 0.0000,
0.0000

■ 125.6433,
117.1983, 94.3529

■ 0.0000, 0.0000,
0.0000

157.6374,

148.3612, 122.3319

194.6481,
184.6097, 155.3582

■ 18.5686, 15.4925,
9.0329

■ 18.5686, 15.4925,
9.0329

■ 17.1166, 13.3537,
6.1899

■ 20.3061, 17.9990,
12.5983

■ 15.9329, 11.5627,
4.0185

■ 22.3428, 20.8872,
16.9303

■ 15.0001, 10.1011,
2.4624

■ 24.6925, 24.1734,
22.0709

■ 14.2982, 8.9478,
1.4560

■ 27.3682, 27.8719,
28.0585

■ 13.7895, 8.0734,
0.8459

■ 30.3819, 31.9966,
34.9290

■ 13.7751, 8.0488,
0.8275

■ 33.7451, 36.5605,
42.7165

■ 37.4687, 41.5763,
51.4531

■ 41.5630, 47.0559,
61.1693

■ 46.0380, 53.0110,
71.8943

Harmonies

Analogous

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



19.9862, 15.4925, 13.9080



18.5686, 15.4925, 9.0329



16.1851, 15.4925, 6.7463

Triad

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



18.5686, 15.4925, 9.0329



10.5463, 15.4925, 13.1340



15.8538, 15.4925, 34.3893

Complementary

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



18.5686, 15.4925, 9.0329



17.4739, 21.2047, 33.3088

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.



13.3557, 15.4925, 34.0043



18.5686, 15.4925, 9.0329



10.4793, 15.4925, 20.2223

Square

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



18.5686, 15.4925, 9.0329



11.6474, 15.4925, 8.6067



11.4524, 15.4925, 28.2799



18.3022, 15.4925, 29.2168

Rectangle

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



18.5686, 15.4925, 9.0329



14.4647, 15.4925, 6.4354



11.4524, 15.4925, 28.2799



14.9887, 15.4925, 34.9413

Sweetspot

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



18.5690, 15.4933, 9.0332



46.2455, 46.0981, 44.0285



20.1827, 13.8370, 24.6273



10.0118, 9.9024, 9.2766



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.5690, 15.4933, 9.0332



30.3031, 23.3904, 10.4221



22.8275, 24.0103, 10.4527



6.3217, 6.4485, 6.5173



11.4075, 6.6973, 0.6915



0.1951, 0.1492, 0.0185

Inverse Universe

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



17.4739, 21.2047, 33.3088



28.0615, 34.7915, 59.2084



13.1098, 12.4766, 31.8541



6.2605, 6.7784, 7.9074



10.0126, 12.4218, 26.7776



0.1767, 0.2396, 0.4093

Previews

White Background



This preview shows how the XYZ color 18.5686, 15.4925, 9.0329 looks on a white background.

Color Contrast Check

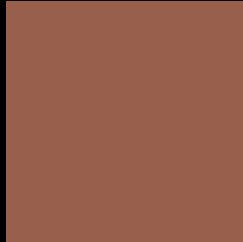
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5686, 15.4925, 9.0329 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 18.5686, 15.4925, 9.0329

Background



This preview shows how black text looks on a background with the XYZ color 18.5686, 15.4925, 9.0329.



This preview shows how white text looks on a background with the XYZ color 18.5686, 15.4925,

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

18.5686, 15.4925, 9.0329

Protanopia

14.6085, 15.6279, 10.4302

Deuteranopia

15.8373, 15.5167, 8.8169



Tritanopia

19.5968, 15.5237, 13.7679

Trichromacy



Original Color

18.5686, 15.4925, 9.0329

Protanomaly

15.8969, 15.5225, 9.9429

Deuteranomaly

16.7734, 15.4046, 8.9268

Tritanomaly

19.1291, 15.4541, 11.8722

Monochromacy



Original Color

18.5686, 15.4925, 9.0329

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.8604, 15.4206, 13.6958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5686, 15.4925, 9.0329 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(153, 95, 77)` looks like.

```
.text, #text, p{  
    color:rgb(153, 95, 77)  
}
```

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(153, 95, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 95, 77) }
```

Border

The CSS property to change the border of an element to XYZ 18.5686, 15.4925, 9.0329 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(153, 95, 77) }
```


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

```
.border{ border-color:rgb(153, 95, 77) }
```

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

Here you see how a box with a 4 pixel rgb(153, 95, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 95, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 95, 77);  
box-shadow:4px 4px 4px 4px rgb(153, 95,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5686, 15.4925, 9.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 95, 77) }
```

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

```
.background{ background-color: rgb(153, 95,  
77) }
```

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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