

Converting Colors

XYZ(17.0456, 18.9432, 9.4552)

Have a look what the booklet for
XYZ(17.0456, 18.9432, 9.4552)
contains.

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Color

**XYZ(17.1316, 19.0163,
9.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	807A4B
RGB	128, 122, 75
RGB Percent	50%, 48%, 29%
CMY	0.4980, 0.5216, 0.7059
CMYK	0.00, 0.05, 0.41, 0.50
HSL	53°, 26%, 40%
HSV	53°, 41%, 50%
XYZ	17.1316, 19.0163, 9.4242
YIQ	118.4360, 18.6630, -13.3450

Conversions

Conversions Part 2

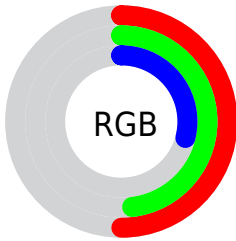
Format	Color
R_{YB}	82, 128, 75
Decimal	8419915
CIE _{Lab}	50.71, -5.09, 26.54
CIE _{LCh}	51, 27.025, 100.854
Yxy	19.0163, 0.3759, 0.4173
Android (android.graphics.Color)	4286609995 (0xFF807A4B)
YUV	118.4360, -21.4139, 8.3876
Hunter-Lab	43.6077, -6.1884, 17.7120

Details

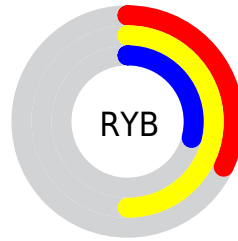
The XYZ color **17.1316, 19.0163, 9.4242** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.7402, 8.9389, 21.6339**, and the grayscale version is **17.4182, 18.3253, 19.9563**.

A 20% lighter version of the original color is **38.1291, 41.6979, 25.4409**, and **5.7311, 6.5640, 2.1273** is the 20% darker color. If you saturate the color by 10%, you get **16.5606, 18.5062, 7.2857**, and if you desaturate by 10%, it is **17.7944, 19.5687, 12.0287**.

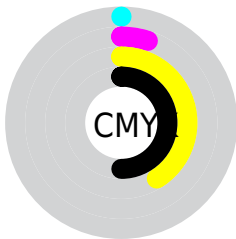
Distribution



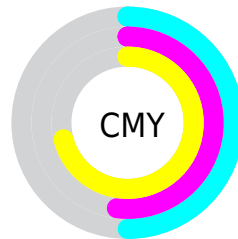
- Red (50%)
- Green (48%)
- Blue (29%)



- Red (32%)
- Yellow (50%)
- Blue (29%)



- Cyan (0%)
- Magenta (5%)
- Yellow (41%)
- Black (50%)



- Cyan (50%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1316, 19.0163, 9.4242 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 17.1316, 19.0163, 9.4242 by changing the saturation by 10% instead.

■ 17.1316, 19.0163,
9.4242

■ 17.1316, 19.0163,
9.4242

229.0711,
246.5387, 196.8447

■ 10.4242, 11.6821,
4.9183

■ 38.0937, 41.7616,
25.2974

■ 5.7456, 6.5276,
2.1415

■ 53.0792, 57.9415,
37.5017

■ 2.7302, 3.1684,
0.6403

■ 71.5547, 77.8388,
53.1093

■ 1.0127, 1.2203,
0.0000

■ 93.8857, 101.8377,
72.5387

■ 0.0000, 0.0782,
0.0000

■ 120.4375,
130.3228, 96.2084

■ 0.0000, 0.0000,
0.0000

151.5754,

163.6784, 124.5369

187.6648,
202.2889, 157.9428

■ 17.1316, 19.0163,
9.4242

■ 17.1316, 19.0163,
9.4242

■ 16.5606, 18.5062,
7.2857

■ 17.7944, 19.5687,
12.0287

■ 16.0746, 18.0336,
5.5840

■ 18.5525, 20.1629,
15.1238

■ 15.6681, 17.5970,
4.2884

■ 19.4108, 20.8014,
18.7335

■ 15.3346, 17.1939,
3.3639

■ 20.3735, 21.4859,
22.8802

■ 15.0662, 16.8209,
2.7693

■ 21.4448, 22.2182,
27.5849

■ 14.8652, 16.5155,
2.4043

■ 22.6283, 22.9997,
32.8672

■ 23.9276, 23.8319,
38.7462

■ 25.3462, 24.7162,
45.2397

■ 26.8874, 25.6538,
52.3651

Harmonies

Analogous

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



19.7980, 19.0163, 9.7511



17.1316, 19.0163, 9.4242



14.9414, 19.0163, 11.5113

Triad

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



17.1316, 19.0163, 9.4242



14.4871, 19.0163, 31.7961



23.3292, 19.0163, 25.8711

Complementary

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



17.1316, 19.0163, 9.4242



9.7402, 8.9389, 21.6339

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.



21.6174, 19.0163, 33.8242



17.1316, 19.0163, 9.4242



16.4539, 19.0163, 37.7816

Square

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



17.1316, 19.0163, 9.4242



13.5169, 19.0163, 23.5775



19.0512, 19.0163, 38.6032



23.5561, 19.0163, 18.0768

Rectangle

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



17.1316, 19.0163, 9.4242



13.9786, 19.0163, 14.3792



19.0512, 19.0163, 38.6032



22.9011, 19.0163, 28.6590

Sweetspot

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



17.1321, 19.0172, 9.4246



34.0371, 36.5232, 32.3928



12.9103, 10.2184, 9.1128



7.9307, 8.5230, 7.4213



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.1321, 19.0172, 9.4246



29.1814, 32.6053, 12.9138



15.1351, 19.1146, 9.5487



4.6251, 4.9390, 4.6297



14.7406, 16.3776, 2.3843



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.7402, 8.9389, 21.6339



14.2652, 12.2752, 37.5738



11.1648, 9.0408, 21.5785



4.1450, 4.2841, 5.4217



4.0262, 1.8710, 20.3989



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1316, 19.0163, 9.4242 looks on a white 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

Black Background



This preview shows how the XYZ color 17.1316, 19.0163, 9.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

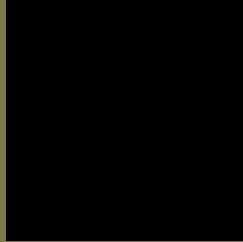
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1316, 19.0163, 9.4242

Background



This preview shows how black text looks on a background with the XYZ color 17.1316, 19.0163, 9.4242.



This preview shows how white text looks on a background with the XYZ color 17.1316, 19.0163,

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

17.1316, 19.0163, 9.4242

Protanopia

17.6231, 19.0883, 9.4122

Deuteranopia

19.2893, 18.8943, 9.4678



Tritanopia

19.6199, 18.9580, 22.0272

Trichromacy



Original Color

17.1316, 19.0163, 9.4242

Protanomaly

17.4674, 19.0080, 9.4049

Deuteranomaly

18.4304, 18.9676, 9.5272

Tritanomaly

18.4923, 18.8437, 16.5725

Monochromacy



Original Color

17.1316, 19.0163, 9.4242

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0211, 18.2905, 15.2037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1316, 19.0163, 9.4242 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(128, 122, 75)` looks like.

```
.text, #text, p{  
    color:rgb(128, 122, 75)  
}
```

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(128, 122, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 122, 75) }
```

Border

The CSS property to change the border of an element to XYZ 17.1316, 19.0163, 9.4242 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(128, 122, 75) }
```


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

```
.border{ border-color:rgb(128, 122, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 122, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 122, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 122, 75);  
box-shadow:4px 4px 4px 4px rgb(128, 122,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1316, 19.0163, 9.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 122, 75) }
```

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

```
.background{ background-color: rgb(128,  
122, 75) }
```

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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