

Converting Colors

XYZ(25.5254, 29.9878, 19.1947)

Have a look what the booklet for
XYZ(25.5254, 29.9878, 19.1947)
contains.

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Color

**XYZ(25.5254, 29.9878,
19.1947)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9A6E
RGB	142, 154, 110
RGB Percent	56%, 60%, 43%
CMY	0.4431, 0.3961, 0.5686
CMYK	0.08, 0.00, 0.29, 0.40
HSL	76°, 18%, 52%
HSV	76°, 29%, 60%
XYZ	25.5254, 29.9878, 19.1947
YIQ	145.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

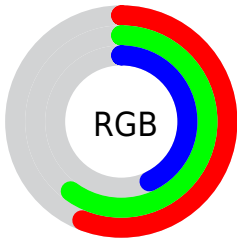
Format	Color
RYB	110, 154, 122
Decimal	9345646
CIELab	61.64, -12.08, 21.73
CIELCh	62, 24.860, 119.081
Yxy	29.9878, 0.3417, 0.4014
Android (android.graphics.Color)	4287535726 (0xFF8E9A6E)
YUV	145.3960, -17.4502, -2.9783
Hunter-Lab	54.7611, -12.6291, 17.5506

Details

The XYZ color **25.5254, 29.9878, 19.1947** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4359, 17.6233, 32.9508**, and the grayscale version is **27.1423, 28.5559, 31.0973**.

A 20% lighter version of the original color is **51.8424, 59.4561, 42.9262**, and **10.0341, 12.2724, 6.3974** is the 20% darker color. If you saturate the color by 10%, you get **24.0517, 29.3176, 15.1228**, and if you desaturate by 10%, it is **27.1735, 30.7329, 24.0367**.

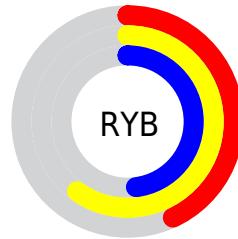
Distribution



Red (56%)

Green (60%)

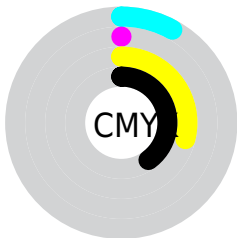
Blue (43%)



Red (43%)

Yellow (60%)

Blue (48%)

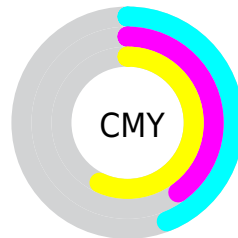


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (40%)



Cyan (44%)

Magenta (40%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5254, 29.9878, 19.1947 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 25.5254, 29.9878, 19.1947 by changing the saturation by 10% instead.

■ 25.5254, 29.9878,
19.1947

■ 25.5254, 29.9878,
19.1947

272.7441,
301.8476, 259.9800

■ 16.5997, 19.8293,
11.6328

■ 51.9451, 59.6429,
42.9039

■ 10.0431, 12.2710,
6.3747

■ 70.1698, 79.9083,
59.8883

■ 5.4900, 6.9285,
3.0018

■ 92.2249, 104.3115,
80.8506

■ 2.5752, 3.4175,
1.0955

■ 118.4758,
133.2368, 106.2094

■ 0.9333, 1.3534,
0.0000

149.2878,
167.0687, 136.3832

■ 0.0000, 0.1820,
0.0000

185.0263,

■ 0.0000, 0.0000,

206.1915, 171.7905

0.0000

226.0566,
250.9897, 212.8499

■ 25.5254, 29.9878,
19.1947

■ 25.5254, 29.9878,
19.1947

■ 24.0517, 29.3176,
15.1228

■ 27.1735, 30.7329,
24.0367

■ 22.7424, 28.7153,
11.7794

■ 29.0011, 31.5520,
29.6838

■ 21.5896, 28.1787,
9.1219

■ 31.0158, 32.4491,
36.1711

■ 20.5841, 27.7039,
7.1023

■ 33.2240, 33.4268,
43.5310

■ 19.7151, 27.2869,
5.6666

■ 35.6317, 34.4877,
51.7944

■ 18.9706, 26.9225,
4.7519

■ 38.2449, 35.6340,
60.9904

■ 18.3260, 26.6010,
4.2318

■ 41.0692, 36.8681,
71.1470

■ 18.2374, 26.5568,
4.1648

■ 44.1098, 38.1920,
82.2910

■ 47.3719, 39.6080,
94.4481

Harmonies

Analogous

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



28.6045, 29.9878, 17.6315



25.5254, 29.9878, 19.1947



23.3933, 29.9878, 24.1684

Triad

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



25.5254, 29.9878, 19.1947



25.3619, 29.9878, 50.8756



35.3367, 29.9878, 32.9441

Complementary

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



25.5254, 29.9878, 19.1947



19.4359, 17.6233, 32.9508

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.



34.3062, 29.9878, 42.9186



25.5254, 29.9878, 19.1947



28.4008, 29.9878, 54.4262

Square

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



25.5254, 29.9878, 19.1947



23.3042, 29.9878, 42.3153



31.7025, 29.9878, 51.2686



34.4216, 29.9878, 24.5841

Rectangle

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



25.5254, 29.9878, 19.1947



22.7097, 29.9878, 29.3258



31.7025, 29.9878, 51.2686



35.2051, 29.9878, 36.2198

Sweetspot

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



25.5262, 29.9891, 19.1953



52.4686, 57.2191, 53.2533



23.0688, 21.8504, 17.7539



11.7692, 12.9035, 11.7182



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.



25.5262, 29.9891, 19.1953



44.6951, 53.7142, 30.1869



22.1538, 28.2506, 19.0375



6.5445, 7.1382, 6.6387



14.8931, 21.6535, 3.3946



0.2568, 0.3413, 0.0523

Inverse Universe

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



19.4359, 17.6233, 32.9508



31.8592, 27.6424, 59.1926



22.8648, 19.3910, 33.1113



6.0348, 6.1038, 7.7891



5.5610, 2.3179, 25.0620



0.1146, 0.0509, 0.3761

Previews

White Background



This preview shows how the XYZ color 25.5254, 29.9878, 19.1947 looks on a white background.

Color Contrast Check

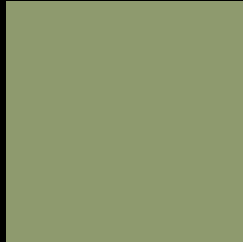
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5254, 29.9878, 19.1947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

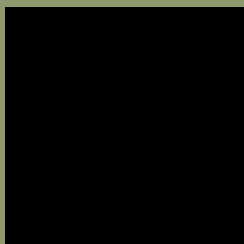
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5254, 29.9878, 19.1947

Background



This preview shows how black text looks on a background with the XYZ color 25.5254, 29.9878, 19.1947.



This preview shows how white text looks on a background with the XYZ color 25.5254, 29.9878,

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

25.5254, 29.9878, 19.1947

Protanopia

27.9514, 30.0512, 18.5146

Deuteranopia

30.4263, 29.9287, 19.5024



Tritanopia

29.2423, 30.0726, 37.0642

Trichromacy



Original Color

25.5254, 29.9878, 19.1947

Protanomaly

26.9638, 30.0096, 18.8393

Deuteranomaly

28.4072, 29.8017, 19.2940

Tritanomaly

27.5681, 29.8468, 29.5073

Monochromacy



Original Color

25.5254, 29.9878, 19.1947

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2564, 28.7750, 26.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5254, 29.9878, 19.1947 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(142, 154, 110)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 110)  
}
```

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(142, 154, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 110) }
```

Border

The CSS property to change the border of an element to XYZ 25.5254, 29.9878, 19.1947 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(142, 154, 110) }
```


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

```
.border{ border-color:rgb(142, 154, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 154, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 110);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5254, 29.9878, 19.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 154, 110) }
```

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

```
.background{ background-color: rgb(142,  
154, 110) }
```

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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