

Converting Colors

XYZ(25.7525, 30.0985, 19.4912)

Have a look what the booklet for
XYZ(25.7525, 30.0985, 19.4912)
contains.

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Color

**XYZ(25.7525, 30.0985,
19.4912)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9A6F
RGB	143, 154, 111
RGB Percent	56%, 60%, 44%
CMY	0.4392, 0.3961, 0.5647
CMYK	0.07, 0.00, 0.28, 0.40
HSL	75°, 18%, 52%
HSV	75°, 28%, 60%
XYZ	25.7525, 30.0985, 19.4912
YIQ	145.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

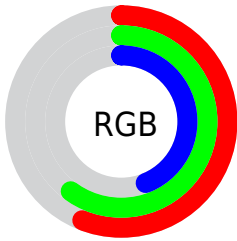
Format	Color
RYB	111, 154, 122
Decimal	9411183
CIELab	61.74, -11.54, 21.32
CIELCh	62, 24.240, 118.432
Yxy	30.0985, 0.3418, 0.3995
Android (android.graphics.Color)	4287601263 (0xFF8F9A6F)
YUV	145.8090, -17.1608, -2.4635
Hunter-Lab	54.8621, -12.2200, 17.3391

Details

The XYZ color **25.7525, 30.0985, 19.4912** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.5444, 17.8403, 32.9869**, and the grayscale version is **27.3100, 28.7322, 31.2894**.

A 20% lighter version of the original color is **52.1927, 59.6264, 43.4085**, and **10.1611, 12.3347, 6.5479** is the 20% darker color. If you saturate the color by 10%, you get **24.3066, 29.4437, 15.3724**, and if you desaturate by 10%, it is **27.3701, 30.8268, 24.3825**.

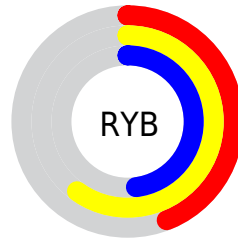
Distribution



Red (56%)

Green (60%)

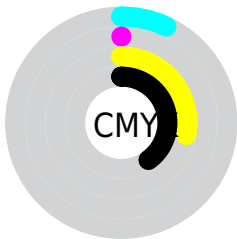
Blue (44%)



Red (44%)

Yellow (60%)

Blue (48%)

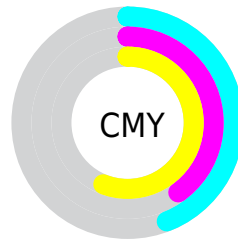


Cyan (7%)

Magenta (0%)

Yellow (28%)

Black (40%)



Cyan (44%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7525, 30.0985, 19.4912 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 25.7525, 30.0985, 19.4912 by changing the saturation by 10% instead.

■ 25.7525, 30.0985,
19.4912

■ 25.7525, 30.0985,
19.4912

273.8440,
302.3633, 261.6597

■ 16.7703, 19.9134,
11.8453

■ 52.3096, 59.8179,
43.4102

■ 10.1651, 12.3321,
6.5172

■ 70.6151, 80.1210,
60.5204

■ 5.5717, 6.9703,
3.0882

■ 92.7591, 104.5655,
81.6225

■ 2.6246, 3.4435,
1.1399

■ 119.1070,
133.5358, 107.1349

■ 0.9585, 1.3674,
0.0000

150.0241,
167.4164, 137.4764

■ 0.0000, 0.1925,
0.0000

185.8757,

■ 0.0000, 0.0000,

206.5915, 173.0653

0.0000

227.0272,
251.4457, 214.3202

■ 25.7525, 30.0985,
19.4912

■ 25.7525, 30.0985,
19.4912

■ 24.3066, 29.4437,
15.3724

■ 27.3701, 30.8268,
24.3825

■ 23.0224, 28.8554,
11.9846

■ 29.1644, 31.6275,
30.0810

■ 21.8923, 28.3313,
9.2854

■ 31.1428, 32.5047,
36.6217

■ 20.9069, 27.8679,
7.2273

■ 33.3118, 33.4609,
44.0369

■ 20.0559, 27.4608,
5.7568

■ 35.6773, 34.4987,
52.3573

■ 19.3271, 27.1053,
4.8115

■ 38.2452, 35.6203,
61.6121

■ 18.6987, 26.7925,
4.2778

■ 41.0209, 36.8280,
71.8291

■ 18.5736, 26.7300,
4.1805

■ 44.0098, 38.1239,
83.0351

■ 47.2169, 39.5100,
95.2555

Harmonies

Analogous

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



28.7780, 30.0985, 18.0180



25.7525, 30.0985, 19.4912



23.6374, 30.0985, 24.3173

Triad

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



25.7525, 30.0985, 19.4912



25.4791, 30.0985, 50.3754



35.2734, 30.0985, 33.2612

Complementary

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



25.7525, 30.0985, 19.4912



19.5444, 17.8403, 32.9869

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.



34.2301, 30.0985, 42.9895



25.7525, 30.0985, 19.4912



28.4381, 30.0985, 53.9525

Square

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



25.7525, 30.0985, 19.4912



23.4881, 30.0985, 41.9873



31.6665, 30.0985, 51.0264



34.4219, 30.0985, 25.0148

Rectangle

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



25.7525, 30.0985, 19.4912



22.9463, 30.0985, 29.3343



31.6665, 30.0985, 51.0264



35.1312, 30.0985, 36.4687

Sweetspot

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



25.7533, 30.0998, 19.4918



52.8954, 57.4147, 54.3783



23.1256, 21.8764, 18.0430



11.8627, 12.9466, 11.9532



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.



25.7533, 30.0998, 19.4918



44.9713, 53.8566, 30.1999



22.4165, 28.3797, 19.3357



6.5545, 7.1433, 6.6392



15.1658, 21.7941, 3.4074



0.2595, 0.3427, 0.0525

Inverse Universe

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



19.5444, 17.8403, 32.9869



31.6441, 27.5315, 59.1826



22.8892, 19.5647, 33.1435



6.0253, 6.0989, 7.7886



5.4757, 2.2739, 25.0580



0.1119, 0.0495, 0.3760

Previews

White Background



This preview shows how the XYZ color 25.7525, 30.0985, 19.4912 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.7525, 30.0985, 19.4912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

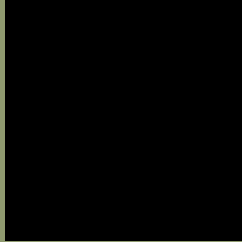
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7525, 30.0985, 19.4912

Background



This preview shows how black text looks on a background with the XYZ color 25.7525, 30.0985, 19.4912.



This preview shows how white text looks on a background with the XYZ color 25.7525, 30.0985,

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

25.7525, 30.0985, 19.4912

Protanopia

28.0050, 30.0726, 18.7966

Deuteranopia

30.4823, 29.9511, 19.7973



Tritanopia

29.4256, 30.1670, 37.0728

Trichromacy



Original Color

25.7525, 30.0985, 19.4912

Protanomaly

27.2075, 30.1290, 19.1333

Deuteranomaly

28.4626, 29.8238, 19.5857

Tritanomaly

27.8215, 29.9687, 29.9094

Monochromacy



Original Color

25.7525, 30.0985, 19.4912

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.6581, 29.2081, 26.4230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7525, 30.0985, 19.4912 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(143, 154, 111)` looks like.

```
.text, #text, p{  
    color:rgb(143, 154, 111)  
}
```

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(143, 154, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 154, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.7525, 30.0985, 19.4912 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(143, 154, 111) }
```


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

```
.border{ border-color:rgb(143, 154, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 154, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 154, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 154, 111);  
box-shadow:4px 4px 4px 4px rgb(143, 154,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7525, 30.0985, 19.4912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 154, 111) }
```

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

```
.background{ background-color: rgb(143,  
154, 111) }
```

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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