

Converting Colors

XYZ(25.4385, 30.3323, 18.4242)

Have a look what the booklet for
XYZ(25.4385, 30.3323, 18.4242)
contains.

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Color

**XYZ(25.5268, 30.5012,
18.4518)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9C6B
RGB	141, 156, 107
RGB Percent	55%, 61%, 42%
CMY	0.4471, 0.3882, 0.5804
CMYK	0.10, 0.00, 0.31, 0.39
HSL	78°, 20%, 52%
HSV	78°, 31%, 61%
XYZ	25.5268, 30.5012, 18.4518
YIQ	145.9290, 6.7890, -18.4190

Conversions

Conversions Part 2

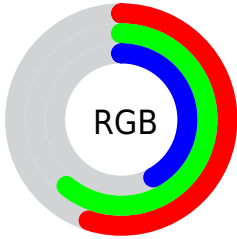
Format	Color
RYB	107, 156, 122
Decimal	9280619
CIELab	62.08, -13.98, 23.95
CIElCh	62, 27.731, 120.265
Yxy	30.5012, 0.3427, 0.4095
Android (android.graphics.Color)	4287470699 (0xFF8D9C6B)
YUV	145.9290, -19.1920, -4.3227
Hunter-Lab	55.2279, -14.1446, 18.8506

Details

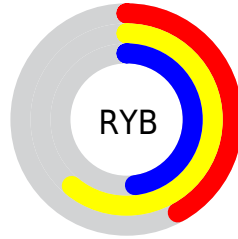
The XYZ color **25.5268, 30.5012, 18.4518** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.2857, 17.0541, 33.7295**, and the grayscale version is **27.3674, 28.7926, 31.3552**.

A 20% lighter version of the original color is **52.0580, 60.6938, 41.7722**, and **10.0574, 12.5926, 6.0382** is the 20% darker color. If you saturate the color by 10%, you get **23.9845, 29.7935, 14.4751**, and if you desaturate by 10%, it is **27.2538, 31.2889, 23.2114**.

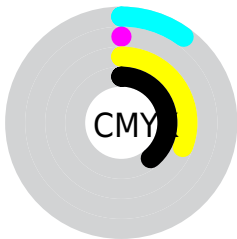
Distribution



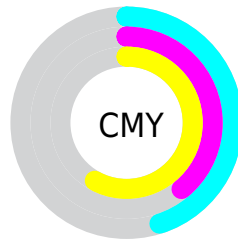
- Red (55%)
- Green (61%)
- Blue (42%)



- Red (42%)
- Yellow (61%)
- Blue (48%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (39%)



- Cyan (45%)
- Magenta (39%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5268, 30.5012, 18.4518 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 25.5268, 30.5012, 18.4518 by changing the saturation by 10% instead.

■ 25.5268, 30.5012,
18.4518

■ 25.5268, 30.5012,
18.4518

272.7509,
304.2337, 255.7265

■ 16.6008, 20.2193,
11.1021

■ 51.9473, 60.4539,
41.6300

■ 10.0438, 12.5546,
6.0205

■ 70.1726, 80.8935,
58.2955

■ 5.4905, 7.1225,
2.7885

■ 92.2282, 105.4878,
78.9033

■ 2.5755, 3.5389,
0.9877

■ 118.4797,
134.6212, 103.8721

■ 0.9335, 1.4191,
0.0000

149.2924,
168.6781, 133.6202

■ 0.0000, 0.2307,
0.0000

185.0316,

■ 0.0000, 0.0000,

208.0429, 168.5663

0.0000

226.0626,
253.1000, 209.1289

■ 25.5268, 30.5012,
18.4518

■ 25.5268, 30.5012,
18.4518

■ 23.9845, 29.7935,
14.4751

■ 27.2538, 31.2889,
23.2114

■ 22.6162, 29.1583,
11.2373

■ 29.1710, 32.1557,
28.7908

■ 21.4134, 28.5934,
8.6932


■ 31.2864, 33.1060,
35.2269


■ 20.3661, 28.0945,
6.7918


■ 33.6070, 34.1425,
42.5537


■ 19.4628, 27.6570,
5.4749


■ 36.1392, 35.2680,
50.8035


 18.6899, 27.2755,
4.6740

 38.8892, 36.4848,
60.0069

 18.1025, 26.9813,
4.2538

 41.8631, 37.7955,
70.1931

 45.0665, 39.2024,
81.3900

 48.5048, 40.7077,
93.6246

Harmonies

Analogous

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



28.9574, 30.5012, 16.6254



25.5268, 30.5012, 18.4518



23.2027, 30.5012, 24.0362

Triad

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



25.5268, 30.5012, 18.4518



25.5796, 30.5012, 54.4082



36.7628, 30.5012, 33.1158

Complementary

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



25.5268, 30.5012, 18.4518



19.2857, 17.0541, 33.7295

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.



35.6686, 30.5012, 44.4649



25.5268, 30.5012, 18.4518



29.0236, 30.5012, 58.2502

Square

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



25.5268, 30.5012, 18.4518



23.2313, 30.5012, 44.6648



32.7541, 30.5012, 54.2764



35.6305, 30.5012, 23.9040

Rectangle

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



25.5268, 30.5012, 18.4518



22.4858, 30.5012, 29.8599



32.7541, 30.5012, 54.2764



36.6422, 30.5012, 36.8031

Sweetspot

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



25.5276, 30.5025, 18.4525



53.8062, 58.7729, 54.7624



23.2880, 21.9759, 16.9247



11.7284, 12.8825, 11.7163



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.



25.5276, 30.5025, 18.4525



44.2739, 54.4396, 28.0759



21.8526, 28.6080, 18.2805



6.9723, 7.6184, 7.0887



14.9465, 22.2419, 3.5054



0.3081, 0.4187, 0.0646

Inverse Universe

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



19.2857, 17.0541, 33.7295



31.0388, 25.9089, 60.4917



23.1492, 19.0458, 33.9103



6.4663, 6.5288, 8.3261



5.9696, 2.5065, 26.0764



0.1470, 0.0656, 0.4681

Previews

White Background



This preview shows how the XYZ color 25.5268, 30.5012, 18.4518 looks on a white background.

Color Contrast Check

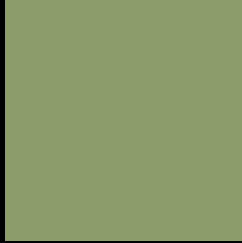
Large Text (above 18pt) WCAG AA × Fail

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 25.5268, 30.5012, 18.4518 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 25.5268, 30.5012, 18.4518

Background



This preview shows how black text looks on a background with the XYZ color 25.5268, 30.5012, 18.4518.



This preview shows how white text looks on a background with the XYZ color 25.5268, 30.5012,

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

25.5268, 30.5012, 18.4518

Protanopia

28.3053, 30.4936, 17.4907

Deuteranopia

30.9192, 30.4194, 18.9938



Tritanopia

29.3932, 30.3640, 38.0299

Trichromacy



Original Color

25.5268, 30.5012, 18.4518

Protanomaly

27.1045, 30.3464, 17.7935

Deuteranomaly

28.6601, 30.1764, 18.7821

Tritanomaly

27.7130, 30.3993, 29.6063

Monochromacy



Original Color

25.5268, 30.5012, 18.4518

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5728, 29.4079, 26.1056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5268, 30.5012, 18.4518 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(141, 156, 107)` looks like.

```
.text, #text, p{  
    color:rgb(141, 156, 107)  
}
```

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(141, 156, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 156, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.5268, 30.5012, 18.4518 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(141, 156, 107) }
```


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

```
.border{ border-color:rgb(141, 156, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 156, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 156, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 156, 107);  
box-shadow:4px 4px 4px 4px rgb(141, 156,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5268, 30.5012, 18.4518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 156, 107) }
```

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

```
.background{ background-color: rgb(141,  
156, 107) }
```

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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