

Converting Colors

XYZ(25.4103, 30.8440, 26.3661)

Have a look what the booklet for
XYZ(25.4103, 30.8440, 26.3661)
contains.

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Color

**XYZ(25.4450, 30.7868,
26.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	819E84
RGB	129, 158, 132
RGB Percent	51%, 62%, 52%
CMY	0.4941, 0.3804, 0.4823
CMYK	0.18, 0.00, 0.16, 0.38
HSL	126°, 13%, 56%
HSV	126°, 18%, 62%
XYZ	25.4450, 30.7868, 26.4311
YIQ	146.3650, -8.9380, -14.2340

Conversions

Conversions Part 2

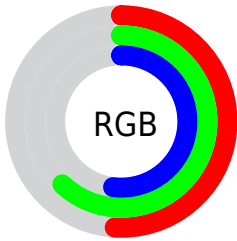
Format	Color
RYB	129, 155, 158
Decimal	8494724
CIELab	62.33, -15.37, 10.29
CIElCh	62, 18.493, 146.208
Yxy	30.7868, 0.3078, 0.3724
Android (android.graphics.Color)	4286684804 (0xFF819E84)
YUV	146.3650, -7.0819, -15.2291
Hunter-Lab	55.4859, -15.2428, 10.5969

Details

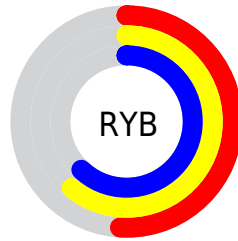
The XYZ color **25.4450, 30.7868, 26.4311** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.8683, 25.3370, 34.4336**, and the grayscale version is **27.5029, 28.9352, 31.5105**.

A 20% lighter version of the original color is **51.8426, 61.0364, 54.9477**, and **10.0435, 12.8022, 10.1253** is the 20% darker color. If you saturate the color by 10%, you get **22.3236, 29.2830, 21.5639**, and if you desaturate by 10%, it is **29.0709, 32.5372, 32.0104**.

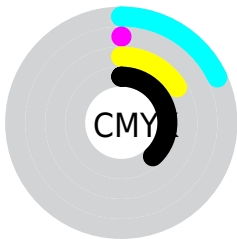
Distribution



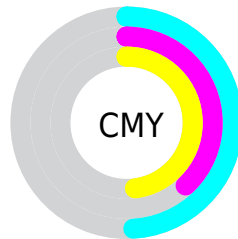
- Red (51%)
- Green (62%)
- Blue (52%)



- Red (51%)
- Yellow (61%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4450, 30.7868, 26.4311 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 25.4450, 30.7868, 26.4311 by changing the saturation by 10% instead.

■ 25.4450, 30.7868,
26.4311

■ 25.4450, 30.7868,
26.4311

272.3538,
305.5549, 298.5645

■ 16.5394, 20.4366,
16.9178

■ 51.8159, 60.9043,
54.9622

■ 9.9999, 12.7128,
10.0145

■ 70.0120, 81.4403,
74.8171

■ 5.4612, 7.2311,
5.3029

■ 92.0356, 106.1403,
98.9562

■ 2.5578, 3.6070,
2.3642

118.2520,
135.3888, 127.7981

■ 0.9245, 1.4563,
0.7669

149.0267,
169.5701, 161.7613

■ 0.0000, 0.2576,
0.0000

184.7250,

■ 0.0000, 0.0000,

209.0686, 201.2644

0.0000

225.7123,
254.2687, 246.7260

■ 25.4450, 30.7868,
26.4311

■ 25.4450, 30.7868,
26.4311

■ 22.3236, 29.2830,
21.5639

■ 29.0709, 32.5372,
32.0104

■ 19.6819, 28.0111,
17.3781

■ 33.2196, 34.5404,
38.3268

■ 17.4968, 26.9606,
13.8441

■ 37.9118, 36.8075,
45.4063

■ 15.7423, 26.1189,
10.9290

■ 43.1660, 39.3474,
53.2734

■ 14.3898, 25.4718,
8.5973

■ 49.0001, 42.1690,
61.9512

■ 13.4069, 25.0037,
6.8095

■ 55.4310, 45.2804,
71.4620

■ 12.7567, 24.6963,
5.5216

■ 62.4750, 48.6896,
81.8272

■ 12.3748, 24.5176,
4.6817

■ 69.9991, 52.3276,
93.0605

■ 12.3236, 24.4934,
4.5820

■ 71.5175, 52.9349,
101.0558

Harmonies

Analogous

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



27.1893, 30.7868, 22.6222



25.4450, 30.7868, 26.4311



24.7215, 30.7868, 32.6192

Triad

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



25.4450, 30.7868, 26.4311



28.9451, 30.7868, 49.2252



33.7915, 30.7868, 27.8003

Complementary

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



25.4450, 30.7868, 26.4311



27.8683, 25.3370, 34.4336

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.



34.3268, 30.7868, 34.4405



25.4450, 30.7868, 26.4311



31.4373, 30.7868, 47.4568

Square

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



25.4450, 30.7868, 26.4311



26.6683, 30.7868, 46.3179



33.4427, 30.7868, 41.7787



32.0185, 30.7868, 23.3301

Rectangle

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



25.4450, 30.7868, 26.4311



24.8833, 30.7868, 37.5142



33.4427, 30.7868, 41.7787



34.1263, 30.7868, 29.8228

Sweetspot

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



25.4458, 30.7881, 26.4318



54.3924, 59.8580, 60.5773



29.7274, 33.0187, 25.5757



12.1644, 13.4475, 13.5069



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.4458, 30.7881, 26.4318



43.7893, 54.7425, 44.2432



26.5006, 31.2100, 31.9860



6.5773, 7.4117, 7.2084



9.8771, 19.6188, 3.7097



0.1838, 0.3537, 0.1040

Inverse Universe

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



27.8683, 25.3370, 34.4336



49.0134, 42.9857, 61.4976



26.7298, 24.8815, 28.4382



6.8746, 6.7427, 8.1906



15.1913, 7.3811, 21.0560



0.2793, 0.1350, 0.4168

Previews

White Background



This preview shows how the XYZ color 25.4450, 30.7868, 26.4311 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 25.4450, 30.7868, 26.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

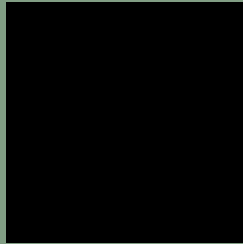
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4450, 30.7868, 26.4311

Background



This preview shows how black text looks on a background with the XYZ color 25.4450, 30.7868, 26.4311.



This preview shows how white text looks on a background with the XYZ color 25.4450, 30.7868,

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

25.4450, 30.7868, 26.4311

Protanopia

28.9032, 30.6403, 24.8129

Deuteranopia

31.2932, 30.6580, 27.1899



Tritanopia

28.2658, 30.6865, 40.5097

Trichromacy



Original Color

25.4450, 30.7868, 26.4311

Protanomaly

27.3863, 30.5705, 25.2262

Deuteranomaly

28.9197, 30.6018, 26.9368

Tritanomaly

27.2269, 30.7623, 35.0746

Monochromacy



Original Color

25.4450, 30.7868, 26.4311

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5293, 29.3112, 29.4587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4450, 30.7868, 26.4311 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(129, 158, 132)` looks like.

```
.text, #text, p{  
    color:rgb(129, 158, 132)  
}
```

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(129, 158, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 158, 132) }
```

Border

The CSS property to change the border of an element to XYZ 25.4450, 30.7868, 26.4311 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(129, 158, 132) }
```


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

```
.border{ border-color:rgb(129, 158, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 158, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 158, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 158, 132);  
box-shadow:4px 4px 4px 4px rgb(129, 158,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4450, 30.7868, 26.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 158, 132) }
```

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

```
.background{ background-color: rgb(129,  
158, 132) }
```

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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