

Converting Colors

XYZ(25.0507, 30.7822, 25.3829)

Have a look what the booklet for
XYZ(25.0507, 30.7822, 25.3829)
contains.

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Color

**XYZ(25.1130, 30.8933,
25.4083)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9F81
RGB	127, 159, 129
RGB Percent	50%, 62%, 51%
CMY	0.5020, 0.3765, 0.4941
CMYK	0.20, 0.00, 0.19, 0.38
HSL	124°, 14%, 56%
HSV	124°, 20%, 62%
XYZ	25.1130, 30.8933, 25.4083
YIQ	146.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

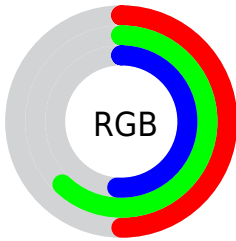
Format	Color
RYB	127, 157, 159
Decimal	8363905
CIELab	62.42, -17.17, 12.07
CIElCh	62, 20.985, 144.884
Yxy	30.8933, 0.3085, 0.3795
Android (android.graphics.Color)	4286553985 (0xFF7F9F81)
YUV	146.0120, -8.3869, -16.6735
Hunter-Lab	55.5817, -16.6180, 11.8037

Details

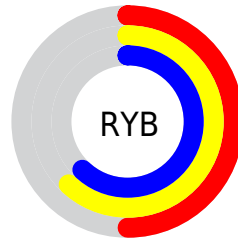
The XYZ color **25.1130, 30.8933, 25.4083** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.9743, 24.9847, 35.2478**, and the grayscale version is **27.3633, 28.7883, 31.3505**.

A 20% lighter version of the original color is **51.3125, 61.1738, 53.3592**, and **9.7662, 12.6724, 9.5207** is the 20% darker color. If you saturate the color by 10%, you get **22.0096, 29.4006, 20.4628**, and if you desaturate by 10%, it is **28.7364, 32.6391, 31.1341**.

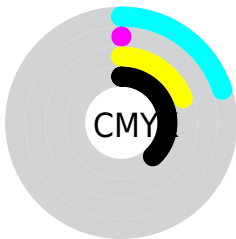
Distribution



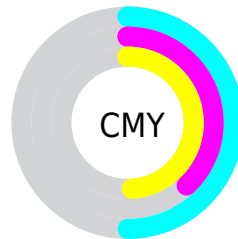
- Red (50%)
- Green (62%)
- Blue (51%)



- Red (50%)
- Yellow (62%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (50%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1130, 30.8933, 25.4083 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 25.1130, 30.8933, 25.4083 by changing the saturation by 10% instead.

■ 25.1130, 30.8933,
25.4083

■ 25.1130, 30.8933,
25.4083

270.7375,
306.0465, 293.3777

■ 16.2904, 20.5176,
16.1597

■ 51.2821, 61.0720,
53.2911

■ 9.8221, 12.7719,
9.4817

■ 69.3593, 81.6439,
72.7625

■ 5.3425, 7.2716,
4.9556

■ 91.2521, 106.3832,
96.4785

■ 2.4864, 3.6326,
2.1629

117.3258,
135.6745, 124.8578

■ 0.8884, 1.4702,
0.6529

147.9459,
169.9021, 158.3188

■ 0.0000, 0.2676,
0.0000

183.4776,

■ 0.0000, 0.0000,

209.4503, 197.2801

0.0000

224.2864,
254.7036, 242.1602

■ 25.1130, 30.8933,
25.4083

■ 25.1130, 30.8933,
25.4083

■ 22.0096, 29.4006,
20.4628

■ 28.7364, 32.6391,
31.1341

■ 19.4000, 28.1456,
16.2618

■ 32.8994, 34.6449,
37.6696

■ 17.2595, 27.1172,
12.7700

■ 37.6239, 36.9221,
45.0455

■ 15.5601, 26.3018,
9.9482

■ 42.9296, 39.4803,
53.2901

■ 14.2711, 25.6845,
7.7535

■ 48.8354, 42.3287,
62.4303

■ 13.3576, 25.2484,
6.1381

■ 55.3591, 45.4759,
72.4920

■ 12.7791, 24.9737,
5.0473

■ 62.5182, 48.9302,
83.5000

■ 12.4532, 24.8193,
4.4197

■ 70.3290, 52.6998,
95.4782

■ 71.6887, 53.2775,
101.1129

Harmonies

Analogous

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



27.1216, 30.8933, 21.3357



25.1130, 30.8933, 25.4083



24.2459, 30.8933, 32.2600

Triad

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



25.1130, 30.8933, 25.4083



28.8781, 30.8933, 51.7736



34.6090, 30.8933, 27.4682

Complementary

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



25.1130, 30.8933, 25.4083



27.9743, 24.9847, 35.2478

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.



35.1540, 30.8933, 35.0538



25.1130, 30.8933, 25.4083



31.7250, 30.8933, 49.9405

Square

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



25.1130, 30.8933, 25.4083



26.3282, 30.8933, 48.1447



34.0677, 30.8933, 43.4756



32.6228, 30.8933, 22.3835

Rectangle

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



25.1130, 30.8933, 25.4083



24.3885, 30.8933, 37.8231



34.0677, 30.8933, 43.4756



34.9721, 30.8933, 29.7728

Sweetspot

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



25.1138, 30.8946, 25.4090



54.3350, 59.8351, 60.2748



30.2130, 33.5386, 24.9602



12.1503, 13.4418, 13.4326



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.



25.1138, 30.8946, 25.4090



42.4562, 54.1145, 41.5003



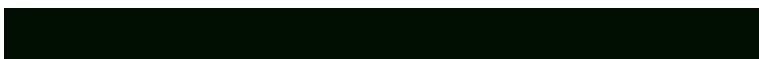
26.2315, 31.3417, 31.2946



6.5667, 7.4074, 7.1530



9.8414, 19.6045, 3.5217



0.1803, 0.3523, 0.0860

Inverse Universe

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



27.9743, 24.9847, 35.2478



48.4932, 41.6405, 62.2639



26.7260, 24.4854, 28.6740



6.8862, 6.7474, 8.2521



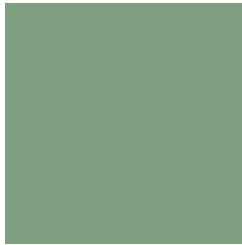
15.5874, 7.5395, 23.1419



0.2835, 0.1367, 0.4392

Previews

White Background



This preview shows how the XYZ color 25.1130, 30.8933, 25.4083 looks on a white background.

Color Contrast Check

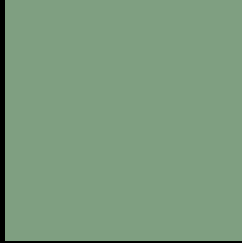
Large Text (above 18pt) WCAG AA × Fail

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 25.1130, 30.8933, 25.4083 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 25.1130, 30.8933, 25.4083

Background



This preview shows how black text looks on a background with the XYZ color 25.1130, 30.8933, 25.4083.



This preview shows how white text looks on a background with the XYZ color 25.1130, 30.8933,

25.4083.

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

25.1130, 30.8933, 25.4083

Protanopia

28.9061, 30.6643, 23.7973

Deuteranopia

31.3035, 30.6874, 26.1032



Tritanopia

28.1114, 30.8509, 40.5496

Trichromacy



Original Color

25.1130, 30.8933, 25.4083

Protanomaly

27.1897, 30.4919, 24.1911

Deuteranomaly

28.7134, 30.5193, 25.8502

Tritanomaly

26.9983, 30.9021, 34.6787

Monochromacy



Original Color

25.1130, 30.8933, 25.4083

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4477, 29.5156, 29.1141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1130, 30.8933, 25.4083 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(127, 159, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 129)  
}
```

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(127, 159, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 129) }
```

Border

The CSS property to change the border of an element to XYZ 25.1130, 30.8933, 25.4083 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(127, 159, 129) }
```


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

```
.border{ border-color:rgb(127, 159, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 129);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1130, 30.8933, 25.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 129) }
```

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

```
.background{ background-color: rgb(127,  
159, 129) }
```

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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