

Converting Colors

XYZ(25.4994, 33.2373, 24.2241)

Have a look what the booklet for
XYZ(25.4994, 33.2373, 24.2241)
contains.

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Color

**XYZ(25.4828, 33.2302,
24.1398)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA77C
RGB	122, 167, 124
RGB Percent	48%, 65%, 49%
CMY	0.5216, 0.3451, 0.5137
CMYK	0.27, 0.00, 0.26, 0.35
HSL	123°, 20%, 57%
HSV	123°, 27%, 65%
XYZ	25.4828, 33.2302, 24.1398
YIQ	148.6430, -13.0170, -22.9130

Conversions

Conversions Part 2

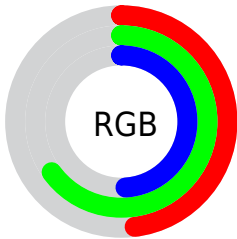
Format	Color
RYB	122, 165, 167
Decimal	8038268
CIELab	64.35, -23.91, 17.48
CIELCh	64, 29.623, 143.832
Yxy	33.2302, 0.3076, 0.4011
Android (android.graphics.Color)	4286228348 (0xFF7AA77C)
YUV	148.6430, -12.1490, -23.3659
Hunter-Lab	57.6456, -21.9723, 15.5236

Details

The XYZ color **25.4828, 33.2302, 24.1398** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.6884, 24.8518, 38.8306**, and the grayscale version is **28.4711, 29.9538, 32.6197**.

A 20% lighter version of the original color is **51.7363, 64.5308, 51.3239**, and **10.0732, 14.1472, 8.8564** is the 20% darker color. If you saturate the color by 10%, you get **22.3895, 31.7438, 19.1467**, and if you desaturate by 10%, it is **29.1476, 34.9942, 30.0136**.

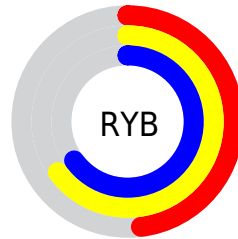
Distribution



Red (48%)

Green (65%)

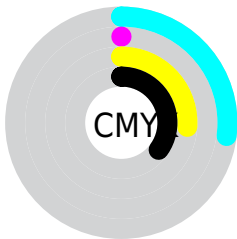
Blue (49%)



Red (48%)

Yellow (65%)

Blue (65%)

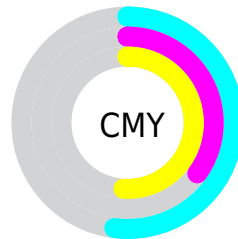


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4828, 33.2302, 24.1398 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 25.4828, 33.2302, 24.1398 by changing the saturation by 10% instead.

■ 25.4828, 33.2302,
24.1398

■ 25.4828, 33.2302,
24.1398

272.5374,
316.6858, 286.8358

■ 16.5678, 22.3029,
15.2242

■ 51.8767, 64.7348,
51.2049

■ 10.0202, 14.0796,
8.8285

■ 70.0862, 86.0808,
70.1915

■ 5.4747, 8.1760,
4.5342

■ 92.1246, 111.6684,
93.3722

■ 2.5660, 4.2078,
1.9228

118.3573,
141.8822, 121.1655

■ 0.9287, 1.7905,
0.5072

149.1495,
177.1064, 153.9900

■ 0.0000, 0.4812,
0.0000

184.8667,

■ 0.0000, 0.0000,

217.7255, 192.2642

0.0000

225.8742,
264.1238, 236.4066

■ 25.4828, 33.2302,
24.1398

■ 25.4828, 33.2302,
24.1398

■ 22.3895, 31.7438,
19.1467

■ 29.1476, 34.9942,
30.0136

■ 19.8364, 30.5170,
14.9898

■ 33.4078, 37.0445,
36.8053

■ 17.7933, 29.5362,
11.6241


■ 38.2893, 39.3946,
44.5527


■ 16.2260, 28.7846,
8.9994


■ 43.8156, 42.0559,
53.2907


■ 15.0958, 28.2438,
7.0599


■ 50.0090, 45.0390,
63.0527


 14.3585, 27.8921,
5.7416


 56.8906, 48.3543,
73.8704

 13.9514, 27.6989,
4.9685

 64.4809, 52.0116,
85.7739

 13.8600, 27.6550,
4.8207

 72.5768, 55.9057,
98.7821

 73.1094, 56.1187,
101.5865

Harmonies

Analogous

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



28.4214, 33.2302, 18.8322



25.4828, 33.2302, 24.1398



24.1923, 33.2302, 33.7451

Triad

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



25.4828, 33.2302, 24.1398



30.7215, 33.2302, 64.5130



39.5932, 33.2302, 27.5902

Complementary

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



25.4828, 33.2302, 24.1398



29.6884, 24.8518, 38.8306

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.



40.3468, 33.2302, 38.7335



25.4828, 33.2302, 24.1398



34.9736, 33.2302, 61.8381

Square

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



25.4828, 33.2302, 24.1398



27.0387, 33.2302, 58.3414



38.5894, 33.2302, 51.6816



36.6128, 33.2302, 20.4923

Rectangle

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



25.4828, 33.2302, 24.1398



24.3501, 33.2302, 42.0200



38.5894, 33.2302, 51.6816



40.1257, 33.2302, 30.9115

Sweetspot

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



25.4837, 33.2316, 24.1405



58.8571, 65.8738, 64.3674



32.9542, 37.0973, 23.8362



12.9099, 14.6156, 13.9883



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.4837, 33.2316, 24.1405



42.3944, 57.9534, 38.0064



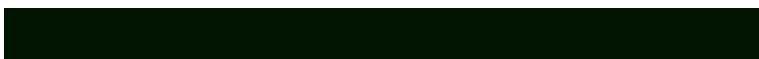
27.0340, 33.8517, 32.3042



7.4498, 8.4129, 8.0886



10.6103, 21.1629, 3.7145



0.2622, 0.5165, 0.1119

Inverse Universe

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



29.6884, 24.8518, 38.8306



51.1304, 40.5404, 68.5251



27.8548, 24.1183, 29.1746



7.8273, 7.6608, 9.4077



17.0265, 8.2193, 26.0149



0.4185, 0.2017, 0.6553

Previews

White Background



This preview shows how the XYZ color 25.4828, 33.2302, 24.1398 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 25.4828, 33.2302, 24.1398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

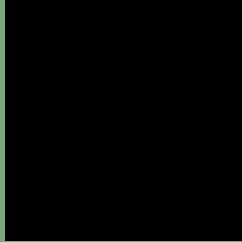
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4828, 33.2302, 24.1398

Background



This preview shows how black text looks on a background with the XYZ color 25.4828, 33.2302, 24.1398.



This preview shows how white text looks on a background with the XYZ color 25.4828, 33.2302,

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

25.4828, 33.2302, 24.1398

Protanopia

30.7770, 32.8816, 22.1774

Deuteranopia

33.4661, 32.7567, 24.9809



Tritanopia

29.6478, 33.3322, 44.4063

Trichromacy



Original Color

25.4828, 33.2302, 24.1398

Protanomaly

28.4270, 32.6608, 22.8951

Deuteranomaly

30.0173, 32.6802, 24.8045

Tritanomaly

27.9157, 33.1501, 35.9376

Monochromacy



Original Color

25.4828, 33.2302, 24.1398

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.2696, 31.1594, 29.3880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4828, 33.2302, 24.1398 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(122, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(122, 167, 124)  
}
```

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(122, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 167, 124) }
```

Border

The CSS property to change the border of an element to XYZ 25.4828, 33.2302, 24.1398 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(122, 167, 124) }
```


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

```
.border{ border-color:rgb(122, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 167, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 167, 124);  
box-shadow:4px 4px 4px 4px rgb(122, 167,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4828, 33.2302, 24.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 167, 124) }
```

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

```
.background{ background-color: rgb(122,  
167, 124) }
```

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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