

Converting Colors

XYZ(28.2649, 32.9546, 25.1214)

Have a look what the booklet for
XYZ(28.2649, 32.9546, 25.1214)
contains.

XYZ(28.3182, 33.0680, 25.3123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3182, 33.0680,
25.3123)**

Conversions

Conversions Part 1

Format	Color
Hex	91A180
RGB	145, 161, 128
RGB Percent	57%, 63%, 50%
CMY	0.4314, 0.3686, 0.4980
CMYK	0.10, 0.00, 0.20, 0.37
HSL	89°, 15%, 57%
HSV	89°, 20%, 63%
XYZ	28.3182, 33.0680, 25.3123
YIQ	152.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

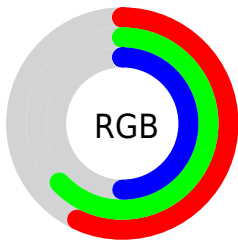
Format	Color
R_{YB}	128, 161, 144
Decimal	9544064
CIE Lab	64.22, -11.81, 15.33
CIE LCh	64, 19.350, 127.615
Yxy	33.0680, 0.3266, 0.3814
Android (android.graphics.Color)	4287734144 (0xFF91A180)
YUV	152.4540, -12.0558, -6.5372
Hunter-Lab	57.5048, -12.7311, 14.1552

Details

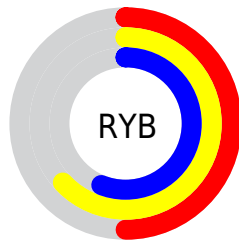
The XYZ color **28.3182, 33.0680, 25.3123** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.6551, 23.9418, 36.9891**, and the grayscale version is **30.0923, 31.6594, 34.4771**.

A 20% lighter version of the original color is **56.4495, 64.5900, 53.2080**, and **11.4960, 13.8815, 9.4706** is the 20% darker color. If you saturate the color by 10%, you get **26.0129, 31.9935, 20.1047**, and if you desaturate by 10%, it is **30.8880, 34.2614, 31.4115**.

Distribution



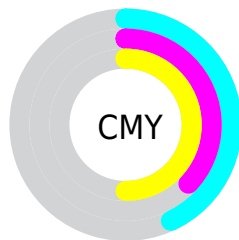
- Red (57%)
- Green (63%)
- Blue (50%)



- Red (50%)
- Yellow (63%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (43%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3182, 33.0680, 25.3123 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 28.3182, 33.0680, 25.3123 by changing the saturation by 10% instead.

■ 28.3182, 33.0680,
25.3123

■ 28.3182, 33.0680,
25.3123

286.0369,
315.9560, 292.8870

■ 18.7073, 22.1785,
16.0887

■ 56.3972, 64.4817,
53.1338

■ 11.5617, 13.9881,
9.4319

■ 75.5960, 85.7747,
72.5688

■ 6.5161, 8.1124,
4.9233

■ 98.7215, 111.3043,
96.2448

■ 3.2050, 4.1670,
2.1444

126.1390,
141.4550, 124.5802

■ 1.2631, 1.7674,
0.6420

158.2140,
176.6112, 157.9935

■ 0.1553, 0.4667,
0.0000

195.3117,

■ 0.0000, 0.0000,

217.1571, 196.9034

0.0000

237.7976,
263.4773, 241.7284

■ 28.3182, 33.0680,
25.3123

■ 28.3182, 33.0680,
25.3123

■ 26.0129, 31.9935,
20.1047

■ 30.8880, 34.2614,
31.4115

■ 23.9597, 31.0294,
15.7447

■ 33.7289, 35.5734,
38.4391

■ 22.1490, 30.1727,
12.1880

■ 36.8505, 37.0089,
46.4326

■ 20.5693, 29.4188,
9.3853

■ 40.2612, 38.5717,
55.4266

■ 19.2084, 28.7624,
7.2818

■ 43.9688, 40.2649,
65.4542

■ 18.0521, 28.1975,
5.8153

■ 47.9809, 42.0919,
76.5467

■ 17.0845, 27.7177,
4.9128

■ 52.3050, 44.0557,
88.7344

■ 16.3068, 27.3270,
4.4152

■ 56.6560, 46.0427,
100.5088

■ 58.8981, 47.1985,
100.6137

Harmonies

Analogous

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



30.7360, 33.0680, 23.0077



28.3182, 33.0680, 25.3123



26.7991, 33.0680, 30.5515

Triad

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



28.3182, 33.0680, 25.3123



29.4632, 33.0680, 51.8645



36.9558, 33.0680, 34.0396

Complementary

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



28.3182, 33.0680, 25.3123



25.6551, 23.9418, 36.9891

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.



36.5661, 33.0680, 42.0726



28.3182, 33.0680, 25.3123



32.1346, 33.0680, 53.1575

Square

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



28.3182, 33.0680, 25.3123



27.4328, 33.0680, 46.0393



34.7621, 33.0680, 49.3519



35.7980, 33.0680, 27.5468

Rectangle

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



28.3182, 33.0680, 25.3123



26.4473, 33.0680, 35.3803



34.7621, 33.0680, 49.3519



37.0026, 33.0680, 36.6379

Sweetspot

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



28.3191, 33.0694, 25.3130



57.4850, 62.3596, 61.5626



28.5612, 29.0682, 24.5279



12.5413, 13.6459, 13.3389



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.



28.3191, 33.0694, 25.3130



48.6035, 58.2380, 40.4994



25.6272, 31.6817, 25.1870



7.3172, 8.0660, 7.5513



13.0703, 21.8485, 3.5283



0.3290, 0.4871, 0.0767

Inverse Universe

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



25.6551, 23.9418, 36.9891



42.8809, 38.6294, 65.5827



28.7408, 25.5325, 37.1335



7.0121, 7.0206, 8.8886



7.6986, 3.3752, 27.1755



0.2163, 0.0990, 0.5736

Previews

White Background



This preview shows how the XYZ color 28.3182, 33.0680, 25.3123 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 28.3182, 33.0680, 25.3123 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 28.3182, 33.0680, 25.3123

Background



This preview shows how black text looks on a background with the XYZ color 28.3182, 33.0680, 25.3123.



This preview shows how white text looks on a background with the XYZ color 28.3182, 33.0680,

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

28.3182, 33.0680, 25.3123

Protanopia

30.9401, 32.9227, 24.1260

Deuteranopia

33.3671, 32.6903, 25.6703



Tritanopia

31.7188, 33.1834, 41.7791

Trichromacy



Original Color

28.3182, 33.0680, 25.3123

Protanomaly

29.9234, 32.8894, 24.5098

Deuteranomaly

31.2900, 32.5829, 25.4089

Tritanomaly

30.3711, 33.1432, 34.9335

Monochromacy



Original Color

28.3182, 33.0680, 25.3123

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.0737, 31.8154, 30.5952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3182, 33.0680, 25.3123 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(145, 161, 128)` looks like.

```
.text, #text, p{  
    color:rgb(145, 161, 128)  
}
```

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(145, 161, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 161, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.3182, 33.0680, 25.3123 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(145, 161, 128) }
```


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

```
.border{ border-color:rgb(145, 161, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 161, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 161, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 161, 128);  
box-shadow:4px 4px 4px 4px rgb(145, 161,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3182, 33.0680, 25.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 161, 128) }
```

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

```
.background{ background-color: rgb(145,  
161, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor