

Converting Colors

XYZ(25.5759, 32.8810, 24.9884)

Have a look what the booklet for
XYZ(25.5759, 32.8810, 24.9884)
contains.

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Color

**XYZ(25.6354, 33.0157,
25.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA67F
RGB	123, 166, 127
RGB Percent	48%, 65%, 50%
CMY	0.5176, 0.3490, 0.5020
CMYK	0.26, 0.00, 0.23, 0.35
HSL	126°, 19%, 57%
HSV	126°, 26%, 65%
XYZ	25.6354, 33.0157, 25.1002
YIQ	148.6970, -13.1090, -21.2450

Conversions

Conversions Part 2

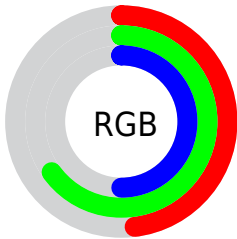
Format	Color
RYB	123, 162, 166
Decimal	8103551
CIELab	64.17, -22.53, 15.60
CIELCh	64, 27.399, 145.297
Yxy	33.0157, 0.3061, 0.3942
Android (android.graphics.Color)	4286293631 (0xFF7BA67F)
YUV	148.6970, -10.6966, -22.5363
Hunter-Lab	57.4593, -20.9162, 14.3216

Details

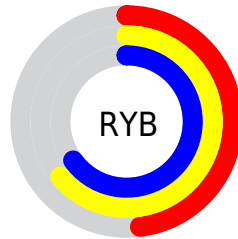
The XYZ color **25.6354, 33.0157, 25.1002** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.3316, 24.8824, 37.4408**, and the grayscale version is **28.4879, 29.9715, 32.6390**.

A 20% lighter version of the original color is **51.9992, 64.2383, 52.8386**, and **10.1401, 14.0012, 9.3758** is the 20% darker color. If you saturate the color by 10%, you get **22.5501, 31.5311, 20.2109**, and if you desaturate by 10%, it is **29.2719, 34.7693, 30.7822**.

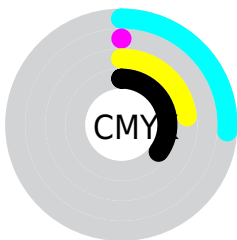
Distribution



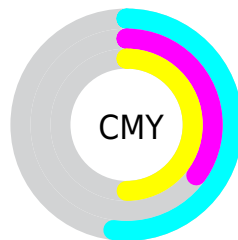
- Red (48%)
- Green (65%)
- Blue (50%)



- Red (48%)
- Yellow (64%)
- Blue (65%)



- Cyan (26%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)





- Cyan (52%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6354, 33.0157, 25.1002 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 25.6354, 33.0157, 25.1002 by changing the saturation by 10% instead.


 25.6354, 33.0157,
25.1002


 25.6354, 33.0157,
25.1002


273.2773,
315.7205, 291.8002


 16.6823, 22.1385,
15.9320


 52.1217, 64.4000,
52.7859

 10.1022, 13.9587,
9.3222


 70.3856, 85.6759,
72.1404

 5.5295, 8.0919,
4.8523


 92.4838, 111.1869,
95.7275

 2.5991, 4.1538,
2.1036

118.7817,
141.3172, 123.9657

 0.9455, 1.7600,
0.6179

149.6447,
176.4513, 157.2736

 0.0000, 0.4620,
0.0000

185.4380,

 0.0000, 0.0000,

216.9736, 196.0696

0.0000

226.5271,
263.2686, 240.7723

■ 25.6354, 33.0157,
25.1002

■ 25.6354, 33.0157,
25.1002

■ 22.5501, 31.5311,
20.2109

■ 29.2719, 34.7693,
30.7822

■ 19.9864, 30.2984,
16.0770

■ 33.4818, 36.8000,
37.2877

■ 17.9163, 29.3047,
12.6614


■ 38.2895, 39.1205,
44.6483

■ 16.3079, 28.5344,
9.9233


■ 43.7170, 41.7416,
52.8935


■ 15.1255, 27.9702,
7.8175


■ 49.7854, 44.6736,
62.0514


 14.3281, 27.5921,
6.2934


 56.5147, 47.9261,
72.1486

 13.8630, 27.3740,
5.2925

 63.9239, 51.5085,
83.2110

 13.7263, 27.3095,
5.0164

 71.7350, 55.2770,
95.2494

 72.9269, 55.7537,
101.5256

Harmonies

Analogous

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



28.2978, 33.0157, 19.8785



25.6354, 33.0157, 25.1002



24.5139, 33.0157, 34.2243

Triad

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



25.6354, 33.0157, 25.1002



30.7725, 33.0157, 61.7387



38.6240, 33.0157, 27.5658

Complementary

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



25.6354, 33.0157, 25.1002



29.3316, 24.8824, 37.4408

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.



39.4226, 33.0157, 37.7296



25.6354, 33.0157, 25.1002



34.6792, 33.0157, 58.9453

Square

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



25.6354, 33.0157, 25.1002



27.3200, 33.0157, 56.5418



37.9254, 33.0157, 49.5434



35.8245, 33.0157, 21.0827

Rectangle

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



25.6354, 33.0157, 25.1002



24.7174, 33.0157, 41.8883



37.9254, 33.0157, 49.5434



39.1446, 33.0157, 30.5985

Sweetspot

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



25.6363, 33.0171, 25.1009



58.9559, 65.9133, 64.8878



32.1978, 36.4292, 24.0739



12.9355, 14.6258, 14.1232



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.



25.6363, 33.0171, 25.1009



43.2293, 58.3328, 40.3482



27.1575, 33.6256, 33.1117



7.4640, 8.4187, 8.1638



10.6519, 21.1795, 3.9335



0.2677, 0.5187, 0.1405

Inverse Universe

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



29.3316, 24.8824, 37.4408



51.0721, 41.0632, 66.5338



27.6114, 24.1943, 28.3823



7.8114, 7.6544, 9.3239



16.5077, 8.0118, 23.2826



0.4100, 0.1983, 0.6107

Previews

White Background



This preview shows how the XYZ color 25.6354, 33.0157, 25.1002 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 25.6354, 33.0157, 25.1002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

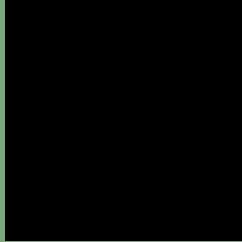
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6354, 33.0157, 25.1002

Background



This preview shows how black text looks on a background with the XYZ color 25.6354, 33.0157, 25.1002.



This preview shows how white text looks on a background with the XYZ color 25.6354, 33.0157,

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

25.6354, 33.0157, 25.1002

Protanopia

30.7512, 32.8472, 23.1317

Deuteranopia

33.4346, 32.7173, 26.0256



Tritanopia

29.4737, 32.9840, 44.3483

Trichromacy



Original Color

25.6354, 33.0157, 25.1002

Protanomaly

28.6139, 32.7355, 23.8793

Deuteranomaly

30.0487, 32.4253, 25.7941

Tritanomaly

27.8232, 32.8302, 36.3229

Monochromacy



Original Color

25.6354, 33.0157, 25.1002

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.3443, 30.9412, 29.7304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6354, 33.0157, 25.1002 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(123, 166, 127)` looks like.

```
.text, #text, p{  
    color:rgb(123, 166, 127)  
}
```

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(123, 166, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 166, 127) }
```

Border

The CSS property to change the border of an element to XYZ 25.6354, 33.0157, 25.1002 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(123, 166, 127) }
```


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

```
.border{ border-color:rgb(123, 166, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 166, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 166, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 166, 127);  
box-shadow:4px 4px 4px 4px rgb(123, 166,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6354, 33.0157, 25.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 166, 127) }
```

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

```
.background{ background-color: rgb(123,  
166, 127) }
```

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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