

Converting Colors

XYZ(25.9981, 33.5031, 23.8354)

Have a look what the booklet for
XYZ(25.9981, 33.5031, 23.8354)
contains.

XYZ(25.9981, 33.5031, 23.8354)	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(25.9981, 33.5031,
23.8354)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA77B
RGB	126, 167, 123
RGB Percent	49%, 65%, 48%
CMY	0.5059, 0.3451, 0.5176
CMYK	0.25, 0.00, 0.26, 0.35
HSL	116°, 20%, 57%
HSV	116°, 26%, 65%
XYZ	25.9981, 33.5031, 23.8354
YIQ	149.7250, -10.3120, -22.3760

Conversions

Conversions Part 2

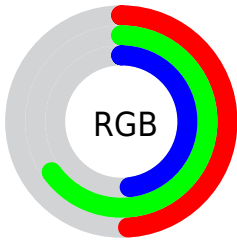
Format	Color
RYB	123, 167, 164
Decimal	8300411
CIELab	64.57, -22.70, 18.37
CIElCh	65, 29.203, 141.018
Yxy	33.5031, 0.3120, 0.4020
Android (android.graphics.Color)	4286490491 (0xFF7EA77B)
YUV	149.7250, -13.1754, -20.8068
Hunter-Lab	57.8819, -21.1186, 16.1020

Details

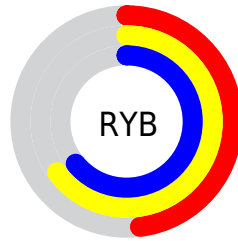
The XYZ color **25.9981, 33.5031, 23.8354** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.3691, 24.8494, 39.8094**, and the grayscale version is **28.9308, 30.4375, 33.1464**.

A 20% lighter version of the original color is **52.5482, 64.9608, 50.8434**, and **10.3473, 14.2924, 8.6919** is the 20% darker color. If you saturate the color by 10%, you get **22.9218, 32.0288, 18.6920**, and if you desaturate by 10%, it is **29.6115, 35.2356, 29.9363**.

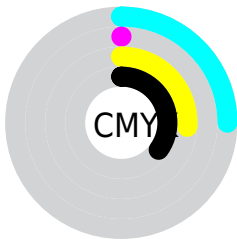
Distribution



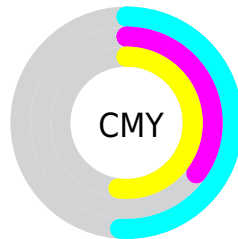
- Red (49%)
- Green (65%)
- Blue (48%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (35%)



- Cyan (51%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9981, 33.5031, 23.8354 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 25.9981, 33.5031, 23.8354 by changing the saturation by 10% instead.

■ 25.9981, 33.5031,
23.8354

■ 25.9981, 33.5031,
23.8354

275.0296,
317.9107, 285.2470

■ 16.9549, 22.5121,
15.0005

■ 52.7032, 65.1602,
50.7019

■ 10.2974, 14.2337,
8.6731

■ 71.0958, 86.5951,
69.5706

■ 5.6604, 8.2834,
4.4347

■ 93.3356, 112.2801,
92.6210

■ 2.6784, 4.2768,
1.8667

119.7879,
142.5997, 120.2716

■ 0.9861, 1.8296,
0.4714

150.8181,
177.9381, 152.9409

■ 0.0000, 0.5055,
0.0000

186.7916,

■ 0.0000, 0.0000,

218.6798, 191.0476

0.0000

228.0736,
265.2092, 235.0101

■ 25.9981, 33.5031,
23.8354

■ 25.9981, 33.5031,
23.8354

■ 22.9218, 32.0288,
18.6920

■ 29.6115, 35.2356,
29.9363

■ 20.3545, 30.7965,
14.4555

■ 33.7833, 37.2333,
37.0376

■ 18.2694, 29.7943,
11.0740

■ 38.5365, 39.5084,
45.1820

■ 16.6365, 29.0079,
8.4894

■ 43.8924, 42.0708,
54.4095

■ 15.4219, 28.4216,
6.6363

■ 49.8711, 44.9301,
64.7575

■ 14.5874, 28.0170,
5.4391

■ 56.4917, 48.0953,
76.2620

■ 14.0852, 27.7719,
4.7933

■ 63.7725, 51.5752,
88.9572

■ 13.9625, 27.7125,
4.6132

■ 71.4717, 55.2745,
101.5098

■ 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.



29.0483, 33.5031, 18.9413



25.9981, 33.5031, 23.8354



24.5494, 33.5031, 33.0038

Triad

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



25.9981, 33.5031, 23.8354



30.6059, 33.5031, 64.2507



39.9469, 33.5031, 28.8337

Complementary

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



25.9981, 33.5031, 23.8354



29.3691, 24.8494, 39.8094

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.



40.4562, 33.5031, 40.1904



25.9981, 33.5031, 23.8354



34.8129, 33.5031, 62.4467

Square

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



25.9981, 33.5031, 23.8354



27.0526, 33.5031, 57.4463



38.5058, 33.5031, 52.9514



37.1695, 33.5031, 21.3578

Rectangle

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



25.9981, 33.5031, 23.8354



24.5911, 33.5031, 41.0555



38.5058, 33.5031, 52.9514



40.3981, 33.5031, 32.2562

Sweetspot

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



25.9990, 33.5045, 23.8361



59.0828, 66.0006, 63.9081



32.6694, 35.9601, 23.9585



12.9683, 14.6484, 13.8695



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.



25.9990, 33.5045, 23.8361



43.0167, 58.3026, 36.7508



26.8207, 33.7829, 30.4376



7.4824, 8.4313, 8.0223



10.7004, 21.2135, 3.5306



0.2747, 0.5235, 0.0866

Inverse Universe

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



29.3691, 24.8494, 39.8094



50.1440, 39.9859, 70.5505



28.4187, 24.5416, 31.5347



7.7907, 7.6402, 9.4824



15.7884, 7.5227, 28.5954



0.3986, 0.1905, 0.6964

Previews

White Background



This preview shows how the XYZ color 25.9981, 33.5031, 23.8354 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 25.9981, 33.5031, 23.8354 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 25.9981, 33.5031, 23.8354

Background



This preview shows how black text looks on a background with the XYZ color 25.9981, 33.5031, 23.8354.



This preview shows how white text looks on a background with the XYZ color 25.9981, 33.5031,

23.8354.

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

25.9981, 33.5031, 23.8354

Protanopia

31.0948, 33.3004, 21.9283

Deuteranopia

33.7932, 33.1688, 24.6998



Tritanopia

30.1053, 33.3096, 44.3778

Trichromacy



Original Color

25.9981, 33.5031, 23.8354

Protanomaly

28.9099, 33.1731, 22.6486

Deuteranomaly

30.3523, 32.8604, 24.4816

Tritanomaly

28.5293, 33.4665, 35.9664

Monochromacy



Original Color

25.9981, 33.5031, 23.8354

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6066, 31.3331, 29.4038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9981, 33.5031, 23.8354 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(126, 167, 123)` looks like.

```
.text, #text, p{  
    color:rgb(126, 167, 123)  
}
```

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(126, 167, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 167, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.9981, 33.5031, 23.8354 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(126, 167, 123) }
```


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

```
.border{ border-color:rgb(126, 167, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 167, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 167, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 167, 123);  
box-shadow:4px 4px 4px 4px rgb(126, 167,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9981, 33.5031, 23.8354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 167, 123) }
```

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

```
.background{ background-color: rgb(126,  
167, 123) }
```

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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