

Converting Colors

XYZ(32.8726, 39.1635, 25.6074)

Have a look what the booklet for
XYZ(32.8726, 39.1635, 25.6074)
contains.

XYZ(33.0005, 39.3344, 25.5917)	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(33.0005, 39.3344,
25.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAF7E
RGB	157, 175, 126
RGB Percent	62%, 69%, 49%
CMY	0.3843, 0.3137, 0.5059
CMYK	0.10, 0.00, 0.28, 0.31
HSL	82°, 23%, 59%
HSV	82°, 28%, 69%
XYZ	33.0005, 39.3344, 25.5917
YIQ	164.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

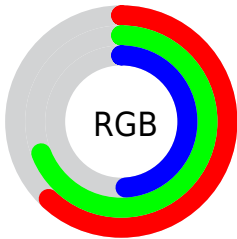
Format	Color
RYB	126, 175, 144
Decimal	10334078
CIELab	68.99, -14.92, 23.11
CIELCh	69, 27.513, 122.852
Yxy	39.3344, 0.3370, 0.4017
Android (android.graphics.Color)	4288524158 (0xFF9DAF7E)
YUV	164.0320, -18.7498, -6.1671
Hunter-Lab	62.7171, -15.8319, 19.7087

Details

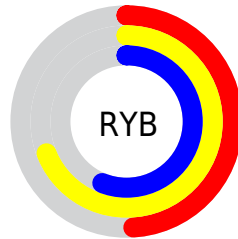
The XYZ color **33.0005, 39.3344, 25.5917** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.7019, 23.9473, 43.7745**, and the grayscale version is **35.3875, 37.2304, 40.5439**.

A 20% lighter version of the original color is **63.8640, 74.4035, 53.6432**, and **14.2482, 17.7050, 9.6876** is the 20% darker color. If you saturate the color by 10%, you get **30.7473, 38.2933, 20.0985**, and if you desaturate by 10%, it is **35.5194, 40.4920, 32.1302**.

Distribution



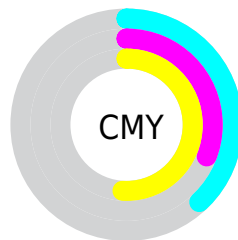
- Red (62%)
- Green (69%)
- Blue (49%)



- Red (49%)
- Yellow (69%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0005, 39.3344, 25.5917 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 33.0005, 39.3344, 25.5917 by changing the saturation by 10% instead.

■ 33.0005, 39.3344,
25.5917

■ 33.0005, 39.3344,
25.5917

307.3169,
343.3101, 294.3134

■ 22.2861, 27.0200,
16.2954

■ 63.7310, 74.1489,
53.5915

■ 14.1850, 17.5882,
9.5768

■ 84.4777, 97.4177,
73.1321

■ 8.3320, 10.6548,
5.0174

■ 109.2993,
125.1068, 96.9245

■ 4.3617, 5.8352,
2.1985

138.5611,
157.6006, 125.3874

■ 1.9087, 2.7451,
0.6735

172.6284,
195.2834, 158.9391

■ 0.5819, 1.0002,
0.0000

211.8665,

■ 0.0000, 0.0000,

238.5397, 197.9984

0.0000

256.6409,
287.7538, 242.9836

■ 33.0005, 39.3344,
25.5917

■ 33.0005, 39.3344,
25.5917

■ 30.7473, 38.2933,
20.0985

■ 35.5194, 40.4920,
32.1302

■ 28.7454, 37.3589,
15.5937

■ 38.3113, 41.7653,
39.7617

■ 26.9836, 36.5280,
12.0191

■ 41.3874, 43.1601,
48.5342

■ 25.4483, 35.7949,
9.3092

■ 44.7568, 44.6802,
58.4918

■ 24.1246, 35.1536,
7.3901

■ 48.4284, 46.3292,
69.6766

■ 22.9948, 34.5969,
6.1753

■ 52.4108, 48.1107,
82.1285

■ 22.0310, 34.1135,
5.5239

■ 56.7120, 50.0280,
95.8854

■ 21.8495, 34.0221,
5.4153

■ 59.5167, 51.3551,
101.3834

■ 61.3665, 52.3087,
101.4700

Harmonies

Analogous

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



36.9686, 39.3344, 22.9709



33.0005, 39.3344, 25.5917



30.3808, 39.3344, 32.7376

Triad

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



33.0005, 39.3344, 25.5917



33.6731, 39.3344, 68.0797



46.4455, 39.3344, 41.6392

Complementary

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



33.0005, 39.3344, 25.5917



26.7019, 23.9473, 43.7745

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.



45.3933, 39.3344, 54.8052



33.0005, 39.3344, 25.5917



37.8069, 39.3344, 71.7217

Square

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



33.0005, 39.3344, 25.5917



30.7473, 39.3344, 57.2926



42.1441, 39.3344, 66.4577



44.9179, 39.3344, 31.0299

Rectangle

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



33.0005, 39.3344, 25.5917



29.6359, 39.3344, 39.8965



42.1441, 39.3344, 66.4577



46.3820, 39.3344, 45.9007

Sweetspot

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



33.0015, 39.3361, 25.5925



68.5384, 74.7633, 71.0064



31.4148, 30.5581, 23.9818



15.0613, 16.5387, 15.3029



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.0015, 39.3361, 25.5925



56.3904, 69.1934, 39.1479



28.6965, 37.1168, 25.3911



8.3730, 9.1809, 8.5442



15.7157, 24.3988, 3.8811



0.4946, 0.7084, 0.1107

Inverse Universe

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



26.7019, 23.9473, 43.7745



43.1222, 36.7693, 77.4613



31.4482, 26.3941, 43.9967



7.8464, 7.8951, 10.0631



7.1321, 3.0366, 29.2547



0.2597, 0.1161, 0.8167

Previews

White Background



This preview shows how the XYZ color 33.0005, 39.3344, 25.5917 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 33.0005, 39.3344, 25.5917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

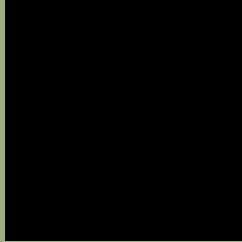
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0005, 39.3344, 25.5917

Background



This preview shows how black text looks on a background with the XYZ color 33.0005, 39.3344, 25.5917.



This preview shows how white text looks on a background with the XYZ color 33.0005, 39.3344,

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

33.0005, 39.3344, 25.5917

Protanopia

36.6338, 39.2591, 24.3858

Deuteranopia

39.7333, 38.9450, 26.1919



Tritanopia

37.8602, 39.3408, 49.3141

Trichromacy



Original Color

33.0005, 39.3344, 25.5917

Protanomaly

35.2143, 39.3517, 24.8084

Deuteranomaly

36.8239, 38.7760, 25.9658

Tritanomaly

35.8962, 39.3804, 39.4275

Monochromacy



Original Color

33.0005, 39.3344, 25.5917

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.2056, 37.7843, 34.3444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0005, 39.3344, 25.5917 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(157, 175, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 126)  
}
```

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(157, 175, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 126) }
```

Border

The CSS property to change the border of an element to XYZ 33.0005, 39.3344, 25.5917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

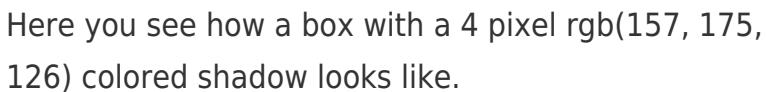
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 175, 126) }
```


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

```
.border{ border-color:rgb(157, 175, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 175, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 175, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 175, 126); box-shadow:4px 4px 4px 4px rgb(157, 175, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0005, 39.3344, 25.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 126) }
```

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

```
.background{ background-color: rgb(157,  
175, 126) }
```

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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