

Converting Colors

XYZ(25.3291, 40.2539, 36.6547)

Have a look what the booklet for
XYZ(25.3291, 40.2539, 36.6547)
contains.

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Color

**XYZ(25.3987, 40.4113,
36.5985)**

Conversions

Conversions Part 1

Format	Color
Hex	26C099
RGB	38, 192, 153
RGB Percent	15%, 75%, 60%
CMY	0.8510, 0.2470, 0.4000
CMYK	0.80, 0.00, 0.20, 0.25
HSL	165°, 67%, 45%
HSV	165°, 80%, 75%
XYZ	25.3987, 40.4113, 36.5985
YIQ	141.5080, -79.2650, -44.7770

Conversions

Conversions Part 2

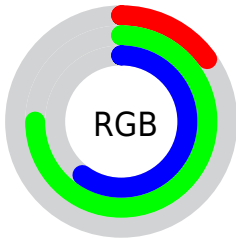
Format	Color
RYB	38, 126, 192
Decimal	2539673
CIELab	69.76, -47.61, 8.81
CIELCh	70, 48.416, 169.520
Yxy	40.4113, 0.2480, 0.3946
Android (android.graphics.Color)	4280729753 (0xFF26C099)
YUV	141.5080, 5.6656, -90.7765
Hunter-Lab	63.5699, -39.9294, 10.3644

Details

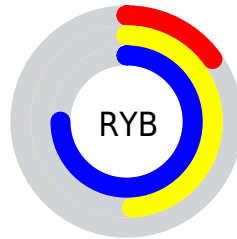
The XYZ color **25.3987, 40.4113, 36.5985** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **23.7722, 13.1294, 8.3039**, and the grayscale version is **25.5190, 26.8480, 29.2374**.

A 20% lighter version of the original color is **51.5686, 75.5714, 70.9003**, and **11.3439, 18.8506, 15.6110** is the 20% darker color. If you saturate the color by 10%, you get **24.4714, 39.9798, 34.5017**, and if you desaturate by 10%, it is **26.7094, 41.0406, 38.8005**.

Distribution



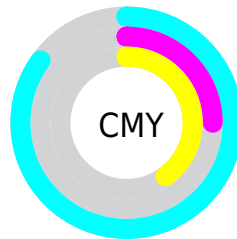
- Red (15%)
- Green (75%)
- Blue (60%)



- Red (15%)
- Yellow (49%)
- Blue (75%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (85%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3987, 40.4113, 36.5985 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 25.3987, 40.4113, 36.5985 by changing the saturation by 10% instead.


 25.3987, 40.4113,
36.5985


 25.3987, 40.4113,
36.5985


272.1289,
347.8541, 346.6852


 16.5047, 27.8594,
24.6034


 51.7415, 75.7894,
71.1343


 9.9751, 18.2197,
15.5655


 69.9211, 99.3844,
94.5120


 5.4446, 11.1078,
9.0662


 91.9264, 127.4292,
122.5211

 2.5478, 6.1394,
4.6870

 118.1231,
160.3082, 155.5800

 0.9194, 2.9300,
2.0093

 148.8763,
198.4058, 194.1074

 0.0000, 1.0953,
0.5610

184.5514,

 0.0000, 0.0000,

242.1064, 238.5217

0.0000

225.5138,
291.7943, 289.2414

■ 25.3987, 40.4113,
36.5985

■ 25.3987, 40.4113,
36.5985

■ 24.4714, 39.9798,
34.5017

■ 26.7094, 41.0406,
38.8005

■ 23.8368, 39.6953,
32.5419

■ 28.4497, 41.8885,
41.1081

■ 30.6627, 42.9781,
43.5252

■ 33.3852, 44.3285,
46.0546

■ 36.6504, 45.9566,
48.6987

■ 40.4884, 47.8780,
51.4599

■ 44.9274, 50.1073,
54.3403

■ 49.9933, 52.6577,
57.3421

■ 55.7109, 55.5419,
60.4673

Harmonies

Analogous

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



28.0359, 40.4113, 21.4838



25.3987, 40.4113, 36.5985



25.8689, 40.4113, 60.0813

Triad

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



25.3987, 40.4113, 36.5985



43.6765, 40.4113, 98.6046



49.0637, 40.4113, 18.6329

Complementary

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



25.3987, 40.4113, 36.5985



23.7722, 13.1294, 8.3039

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.



54.4624, 40.4113, 31.0811



25.3987, 40.4113, 36.5985



51.0709, 40.4113, 78.4467

Square

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



25.3987, 40.4113, 36.5985



35.7296, 40.4113, 101.6553



55.2433, 40.4113, 52.3399



41.2206, 40.4113, 13.7153

Rectangle

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



25.3987, 40.4113, 36.5985



27.9044, 40.4113, 77.6347



55.2433, 40.4113, 52.3399



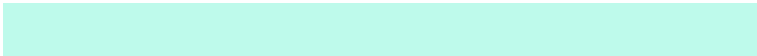
51.2675, 40.4113, 21.8293

Sweetspot

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



25.3998, 40.4129, 36.5994



70.3243, 85.2279, 91.1222



22.4307, 39.5061, 8.2774



14.5590, 18.0200, 19.1647



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.3998, 40.4129, 36.5994



43.4803, 72.0539, 59.8408



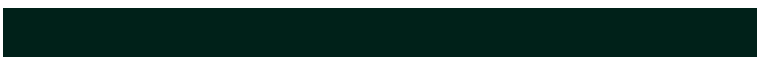
22.2147, 28.0187, 54.1084



10.2560, 11.3835, 12.3516



16.0717, 26.7228, 22.0686



0.7209, 1.1652, 1.0928

Inverse Universe

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



23.7722, 13.1294, 8.3039



40.6265, 20.9743, 7.8272



24.5337, 16.2362, 3.6751



10.1755, 10.1188, 11.0149



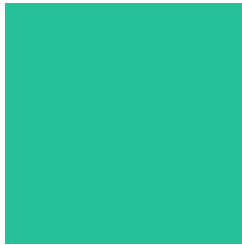
15.0223, 7.6987, 2.7635



0.6780, 0.3442, 0.2718

Previews

White Background



This preview shows how the XYZ color 25.3987, 40.4113, 36.5985 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 25.3987, 40.4113, 36.5985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

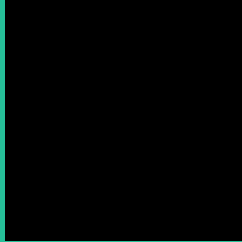
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

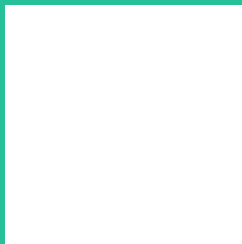
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3987, 40.4113, 36.5985

Background



This preview shows how black text looks on a background with the XYZ color 25.3987, 40.4113, 36.5985.



This preview shows how white text looks on a background with the XYZ color 25.3987, 40.4113,

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

25.3987, 40.4113, 36.5985

Protanopia

37.3558, 39.7640, 30.9057

Deuteranopia

40.3415, 39.5164, 38.3021



Tritanopia

30.4854, 40.5638, 61.4812

Trichromacy



Original Color

25.3987, 40.4113, 36.5985



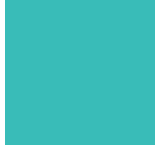
Protanomaly

29.5854, 38.0006, 32.5636



Deuteranomaly

31.0534, 37.7748, 37.5529



Tritanomaly

28.3223, 40.2970, 51.6328

Monochromacy



Original Color

25.3987, 40.4113, 36.5985



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

23.4680, 30.1600, 31.7787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3987, 40.4113, 36.5985 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(38, 192, 153)` looks like.

```
.text, #text, p{  
    color:rgb(38, 192, 153)  
}
```

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(38, 192, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 192, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.3987, 40.4113, 36.5985 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(38, 192, 153) }
```


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

```
.border{ border-color:rgb(38, 192, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 192, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 192, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 192, 153);  
box-shadow:4px 4px 4px 4px rgb(38, 192,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3987, 40.4113, 36.5985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 192, 153) }
```

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

```
.background{ background-color: rgb(38, 192,  
153) }
```

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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