

Converting Colors

XYZ(25.8232, 40.3335, 35.2783)

Have a look what the booklet for
XYZ(25.8232, 40.3335, 35.2783)
contains.

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Color

**XYZ(25.8232, 40.3335,
35.2783)**

Conversions

Conversions Part 1

Format	Color
Hex	39BF96
RGB	57, 191, 150
RGB Percent	22%, 75%, 59%
CMY	0.7765, 0.2510, 0.4118
CMYK	0.70, 0.00, 0.21, 0.25
HSL	162°, 54%, 49%
HSV	162°, 70%, 75%
XYZ	25.8232, 40.3335, 35.2783
YIQ	146.2600, -66.7030, -41.1590

Conversions

Conversions Part 2

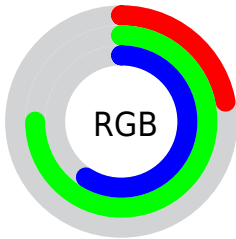
Format	Color
RYB	57, 136, 191
Decimal	3784598
CIELab	69.71, -45.59, 10.40
CIELCh	70, 46.759, 167.144
Yxy	40.3335, 0.2546, 0.3976
Android (android.graphics.Color)	4281974678 (0xFF39BF96)
YUV	146.2600, 1.8438, -78.2810
Hunter-Lab	63.5087, -38.5604, 11.5212

Details

The XYZ color **25.8232, 40.3335, 35.2783** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **25.1550, 14.8855, 13.1043**, and the grayscale version is **27.4417, 28.8708, 31.4404**.

A 20% lighter version of the original color is **52.3516, 75.5594, 68.9519**, and **11.1978, 18.7922, 14.8414** is the 20% darker color. If you saturate the color by 10%, you get **24.4734, 39.6917, 32.8200**, and if you desaturate by 10%, it is **27.6081, 41.1989, 37.8813**.

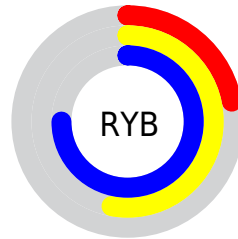
Distribution



Red (22%)

Green (75%)

Blue (59%)



Red (22%)

Yellow (53%)

Blue (75%)

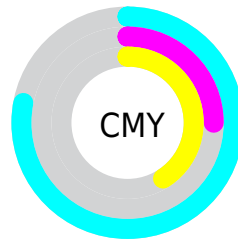


Cyan (70%)

Magenta (0%)

Yellow (21%)

Black (25%)



Cyan (78%)


Magenta (25%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8232, 40.3335, 35.2783 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 25.8232, 40.3335, 35.2783 by changing the saturation by 10% instead.


 25.8232, 40.3335,
35.2783


 25.8232, 40.3335,
35.2783


274.1857,
347.5272, 340.7365


 16.8234, 27.7987,
23.5921


 52.4229, 75.6711,
69.0731


 10.2032, 18.1739,
14.8219


 70.7536, 99.2426,
92.0188


 5.5972, 11.0749,
8.5493


 92.9252, 127.2619,
119.5547

 2.6400, 6.1173,
4.3556

 119.3032,
160.1132, 152.0994

 0.9664, 2.9165,
1.8224

 150.2529,
198.1810, 190.0714

 0.0000, 1.0883,
0.4427

186.1396,

 0.0000, 0.0000,

241.8497, 233.8892

0.0000

227.3288,
291.5036, 283.9714

■ 25.8232, 40.3335,
35.2783

■ 25.8232, 40.3335,
35.2783

■ 24.4734, 39.6917,
32.8200

■ 27.6081, 41.1989,
37.8813

■ 23.5064, 39.2436,
30.4995

■ 29.8663, 42.3046,
40.6299

■ 22.8347, 38.9443,
28.3443

■ 32.6355, 43.6708,
43.5283

■ 35.9483, 45.3146,
46.5798

■ 39.8348, 47.2512,
49.7875

■ 44.3228, 49.4950,
53.1542

■ 49.4382, 52.0592,
56.6827

■ 55.2054, 54.9566,
60.3756

■ 61.6474, 58.1987,
64.2356

Harmonies

Analogous

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



28.6242, 40.3335, 21.2260



25.8232, 40.3335, 35.2783



26.0404, 40.3335, 57.3873

Triad

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



25.8232, 40.3335, 35.2783



42.7889, 40.3335, 97.0127



49.1134, 40.3335, 19.8962

Complementary

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



25.8232, 40.3335, 35.2783



25.1550, 14.8855, 13.1043

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.



53.9959, 40.3335, 32.7379



25.8232, 40.3335, 35.2783



50.0276, 40.3335, 78.8119

Square

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



25.8232, 40.3335, 35.2783



35.1873, 40.3335, 98.3886



54.3509, 40.3335, 53.8605



41.6667, 40.3335, 14.5213

Rectangle

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



25.8232, 40.3335, 35.2783



27.8637, 40.3335, 74.2054



54.3509, 40.3335, 53.8605



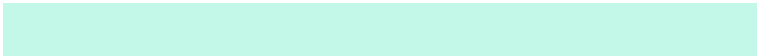
51.1493, 40.3335, 23.2468

Sweetspot

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



25.8243, 40.3351, 35.2792



70.4671, 84.1875, 88.4752



24.5637, 40.2359, 10.3432



15.0311, 18.2659, 19.0716



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.



25.8243, 40.3351, 35.2792



42.8546, 70.6297, 56.5975



24.8078, 32.0633, 54.1734



9.6809, 10.7585, 11.5689



15.0434, 25.6076, 18.8230



0.6172, 1.0142, 0.8843

Inverse Universe

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



25.1550, 14.8855, 13.1043



41.6817, 22.3093, 14.9813



25.2104, 17.3424, 5.8903



9.6471, 9.5832, 10.5308



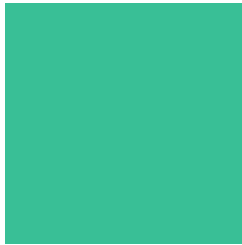
14.6615, 7.4958, 3.5113



0.6044, 0.3057, 0.2960

Previews

White Background



This preview shows how the XYZ color 25.8232, 40.3335, 35.2783 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 25.8232, 40.3335, 35.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

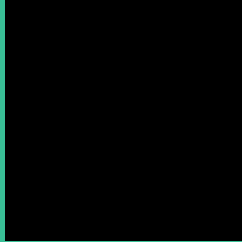
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8232, 40.3335, 35.2783

Background



This preview shows how black text looks on a background with the XYZ color 25.8232, 40.3335, 35.2783.



This preview shows how white text looks on a background with the XYZ color 25.8232, 40.3335,

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

25.8232, 40.3335, 35.2783

Protanopia

37.4386, 39.8237, 30.1396

Deuteranopia

40.3331, 39.5418, 36.9590



Tritanopia

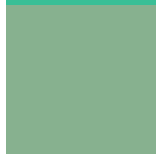
30.6737, 40.0668, 60.1498

Trichromacy



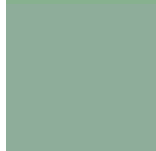
Original Color

25.8232, 40.3335, 35.2783



Protanomaly

30.6717, 38.5783, 31.8164



Deuteranomaly

31.9316, 37.9710, 36.2180



Tritanomaly

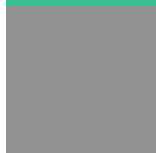
28.7093, 40.2164, 49.9655

Monochromacy



Original Color

25.8232, 40.3335, 35.2783



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.1262, 31.5247, 32.3643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8232, 40.3335, 35.2783 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(57, 191, 150)` looks like.

```
.text, #text, p{  
    color:rgb(57, 191, 150)  
}
```

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(57, 191, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 191, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.8232, 40.3335, 35.2783 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(57, 191, 150) }
```


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

```
.border{ border-color:rgb(57, 191, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 191, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 191, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 191, 150);  
box-shadow:4px 4px 4px 4px rgb(57, 191,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8232, 40.3335, 35.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 191, 150) }
```

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

```
.background{ background-color: rgb(57, 191,  
150) }
```

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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