

Converting Colors

XYZ(25.3668, 39.9705, 41.0284)

Have a look what the booklet for
XYZ(25.3668, 39.9705, 41.0284)
contains.

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Color

**XYZ(25.3668, 39.9705,
41.0284)**

Conversions

Conversions Part 1

Format	Color
Hex	0ABFA3
RGB	10, 191, 163
RGB Percent	4%, 75%, 64%
CMY	0.9607, 0.2510, 0.3608
CMYK	0.95, 0.00, 0.15, 0.25
HSL	171°, 90%, 39%
HSV	171°, 95%, 75%
XYZ	25.3668, 39.9705, 41.0284
YIQ	133.6890, -98.8880, -47.0800

Conversions

Conversions Part 2

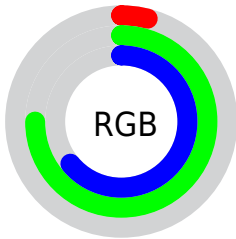
Format	Color
RYB	10, 108, 191
Decimal	704419
CIELab	69.45, -46.39, 2.87
CIELCh	69, 46.483, 176.462
Yxy	39.9705, 0.2385, 0.3758
Android (android.graphics.Color)	4278894499 (0xFF0ABFA3)
YUV	133.6890, 14.4503, -108.4753
Hunter-Lab	63.2222, -39.0189, 5.7790

Details

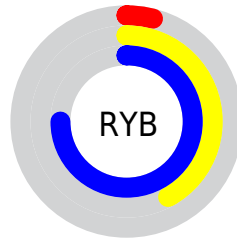
The XYZ color **25.3668, 39.9705, 41.0284** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **21.9457, 11.4345, 2.8863**, and the grayscale version is **22.5236, 23.6966, 25.8056**.

A 20% lighter version of the original color is **51.7018, 75.0215, 78.0853**, and **11.6734, 18.7560, 18.0439** is the 20% darker color. If you saturate the color by 10%, you get **25.1043, 39.8521, 40.2960**, and if you desaturate by 10%, it is **26.0206, 40.2776, 42.4585**.

Distribution



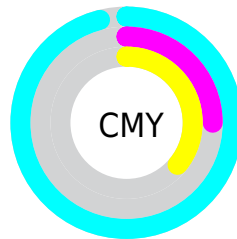
- Red (4%)
- Green (75%)
- Blue (64%)



- Red (4%)
- Yellow (42%)
- Blue (75%)



- Cyan (95%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (96%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3668, 39.9705, 41.0284 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 25.3668, 39.9705, 41.0284 by changing the saturation by 10% instead.


 25.3668, 39.9705,
41.0284


 25.3668, 39.9705,
41.0284


271.9738,
345.9992, 366.1195


 16.4807, 27.5155,
28.0214


 51.6903, 75.1186,
77.9811


 9.9580, 17.9608,
18.1026


 69.8584, 98.5805,
102.7640


 5.4331, 10.9218,
10.8535


 91.8512, 126.4802,
132.3092

 2.5409, 6.0143,
5.8555

 118.0342,
159.2021, 167.0353

 0.9159, 2.8538,
2.6900

 148.7725,
197.1305, 207.3608

 0.0000, 1.0559,
0.9384

184.4317,

 0.0000, 0.0000,

240.6499, 253.7043

0.0000

225.3770,
290.1447, 306.4844

■ 25.3668, 39.9705,
41.0284

■ 25.3668, 39.9705,
41.0284

■ 25.1043, 39.8521,
40.2960

■ 26.0206, 40.2776,
42.4585

■ 27.0142, 40.7581,
43.9361

■ 28.4022, 41.4412,
45.4649

■ 30.2289, 42.3498,
47.0472

■ 32.5326, 43.5035,
48.6849

■ 35.3474, 44.9200,
50.3800

■ 38.7043, 46.6152,
52.1339

■ 42.6316, 48.6037,
53.9484

■ 47.1559, 50.8992,
55.8247

Harmonies

Analogous

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



27.2185, 39.9705, 24.4987



25.3668, 39.9705, 41.0284



26.5140, 39.9705, 64.5794

Triad

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



25.3668, 39.9705, 41.0284



44.7676, 39.9705, 91.7964



46.5046, 39.9705, 17.4231

Complementary

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



25.3668, 39.9705, 41.0284



21.9457, 11.4345, 2.8863

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.



52.3772, 39.9705, 27.6244



25.3668, 39.9705, 41.0284



51.2854, 39.9705, 70.4780

Square

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



25.3668, 39.9705, 41.0284



37.1101, 39.9705, 98.9437



54.2315, 39.9705, 46.1127



38.8852, 39.9705, 13.9940

Rectangle

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



25.3668, 39.9705, 41.0284



28.9191, 39.9705, 80.7346



54.2315, 39.9705, 46.1127



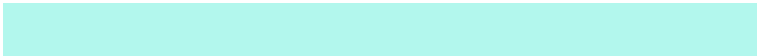
48.7851, 39.9705, 19.9679

Sweetspot

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



25.3679, 39.9720, 41.0293



66.9818, 82.3047, 92.1969



19.5687, 37.7398, 6.5410



14.1402, 17.7864, 19.9451



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.



25.3679, 39.9720, 41.0293



44.8863, 71.3432, 71.7780



17.6027, 19.9723, 52.2193



9.7434, 10.7835, 11.8983



16.5218, 26.1990, 26.6083



0.6646, 1.0332, 1.1338

Inverse Universe

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



21.9457, 11.4345, 2.8863



38.8356, 19.9795, 3.6663



23.7537, 15.5230, 2.0321



9.5887, 9.5598, 10.2233



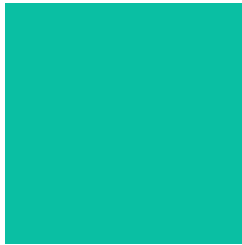
14.2899, 7.3471, 1.5545



0.5790, 0.2955, 0.1625

Previews

White Background



This preview shows how the XYZ color 25.3668, 39.9705, 41.0284 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 25.3668, 39.9705, 41.0284 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

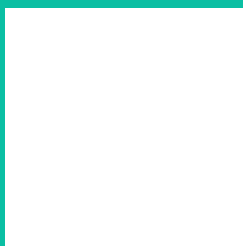
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3668, 39.9705, 41.0284

Background



This preview shows how black text looks on a background with the XYZ color 25.3668, 39.9705, 41.0284.

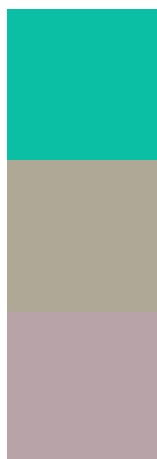


This preview shows how white text looks on a background with the XYZ color 25.3668, 39.9705,

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

25.3668, 39.9705, 41.0284

Protanopia

37.2677, 39.3536, 34.9099

Deuteranopia

40.0258, 39.2493, 43.0024



Tritanopia

29.6228, 40.1191, 61.4408

Trichromacy



Original Color

25.3668, 39.9705, 41.0284



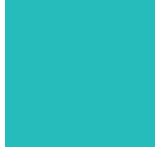
Protanomaly

28.5120, 37.0621, 36.6613



Deuteranomaly

29.8038, 36.7421, 42.0803



Tritanomaly

27.7522, 39.9664, 53.2653

Monochromacy



Original Color

25.3668, 39.9705, 41.0284



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.9520, 27.6109, 31.0132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3668, 39.9705, 41.0284 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(10, 191, 163)` looks like.

```
.text, #text, p{  
  color:rgb(10, 191, 163)  
}
```

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(10, 191, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 191, 163) }
```

Border

The CSS property to change the border of an element to XYZ 25.3668, 39.9705, 41.0284 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(10, 191, 163) }
```


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

```
.border{ border-color:rgb(10, 191, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 191, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 191, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 191, 163);  
box-shadow:4px 4px 4px 4px rgb(10, 191,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3668, 39.9705, 41.0284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 191, 163) }
```

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

```
.background{ background-color: rgb(10, 191,  
163) }
```

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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