

Converting Colors

XYZ(26.9339, 40.6889, 48.8174)

Have a look what the booklet for
XYZ(26.9339, 40.6889, 48.8174)
contains.

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Color

**XYZ(26.9335, 40.6018,
49.0652)**

Conversions

Conversions Part 1

Format	Color
Hex	0DBFB3
RGB	13, 191, 179
RGB Percent	5%, 75%, 70%
CMY	0.9489, 0.2510, 0.2980
CMYK	0.93, 0.00, 0.06, 0.25
HSL	176°, 87%, 40%
HSV	176°, 93%, 75%
XYZ	26.9335, 40.6018, 49.0652
YIQ	136.4100, -102.2360, -41.4680

Conversions

Conversions Part 2

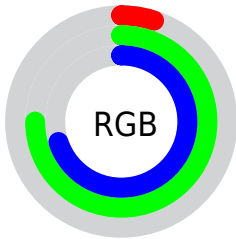
Format	Color
RYB	13, 105, 191
Decimal	901043
CIELab	69.90, -41.83, -5.24
CIElCh	70, 42.154, 187.135
Yxy	40.6018, 0.2310, 0.3482
Android (android.graphics.Color)	4279091123 (0xFF0DBFB3)
YUV	136.4100, 20.9969, -108.2306
Hunter-Lab	63.7195, -36.0593, -1.0507

Details

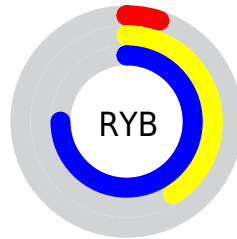
The XYZ color **26.9335, 40.6018, 49.0652** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **21.8068, 11.4358, 1.9797**, and the grayscale version is **23.5109, 24.7353, 26.9368**.

A 20% lighter version of the original color is **54.2717, 76.0760, 90.4210**, and **12.7116, 19.3977, 22.8128** is the 20% darker color. If you saturate the color by 10%, you get **26.6796, 40.4820, 48.5916**, and if you desaturate by 10%, it is **27.4990, 40.8791, 49.7759**.

Distribution



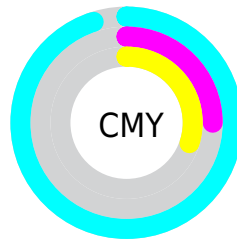
- Red (5%)
- Green (75%)
- Blue (70%)



- Red (5%)
- Yellow (41%)
- Blue (75%)



- Cyan (93%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (95%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9335, 40.6018, 49.0652 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 26.9335, 40.6018, 49.0652 by changing the saturation by 10% instead.

■ 26.9335, 40.6018,
49.0652

■ 26.9335, 40.6018,
49.0652

279.5084,
348.6536, 399.6288

■ 17.6596, 28.0081,
34.3052

■ 54.1978, 76.0790,
90.1703

■ 10.8041, 18.3317,
22.8489

■ 72.9189, 99.7313,
117.3525

■ 6.0016, 11.1884,
14.2777

■ 95.5198, 127.8386,
149.5125

■ 2.8867, 6.1937,
8.1731

■ 122.3658,
160.7853, 187.0689

■ 1.0941, 2.9632,
4.1166

■ 153.8223,
198.9557, 230.4401

■ 0.0202, 1.1126,
1.6895

190.2547,

■ 0.0000, 0.0000,

242.7343, 280.0448

0.3535

232.0283,
292.5055, 336.3016

■ 0.0000, 0.0000,
0.0000

■ 26.9335, 40.6018,
49.0652

■ 26.9335, 40.6018,
49.0652

■ 26.6796, 40.4820,
48.5916

■ 27.4990, 40.8791,
49.7759

■ 28.4084, 41.3327,
50.5081

■ 29.7147, 41.9907,
51.2652

■ 31.4610, 42.8754,
52.0494

■ 33.6848, 44.0061,
52.8623

■ 36.4195, 45.4001,
53.7056

■ 39.6958, 47.0731,
54.5807

■ 43.5416, 49.0395,
55.4889

■ 47.9830, 51.3129,
56.4315

Harmonies

Analogous

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



27.6748, 40.6018, 31.1027



26.9335, 40.6018, 49.0652



29.0074, 40.6018, 71.1387

Triad

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



26.9335, 40.6018, 49.0652



47.1078, 40.6018, 81.6492



43.9424, 40.6018, 17.7497

Complementary

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



26.9335, 40.6018, 49.0652



21.8068, 11.4358, 1.9797

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.



50.0818, 40.6018, 25.1104



26.9335, 40.6018, 49.0652



52.0551, 40.6018, 60.5588

Square

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



26.9335, 40.6018, 49.0652



40.2513, 40.6018, 93.2420



53.2033, 40.6018, 39.6833



36.9766, 40.6018, 16.3339

Rectangle

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



26.9335, 40.6018, 49.0652



31.8707, 40.6018, 84.1022



53.2033, 40.6018, 39.6833



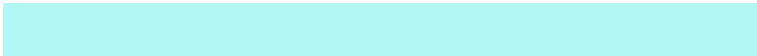
46.1948, 40.6018, 19.4767

Sweetspot

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



26.9347, 40.6033, 49.0662



67.8784, 82.6634, 96.9186



19.1795, 37.5369, 6.6164



14.3658, 17.8767, 21.1334



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.



26.9347, 40.6033, 49.0662



47.7451, 72.4867, 86.8320



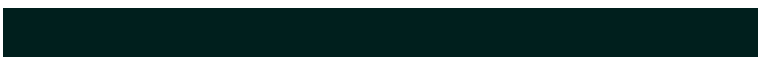
15.9145, 16.5350, 51.6446



9.7801, 10.7981, 12.0912



17.5449, 26.6082, 31.9957



0.6957, 1.0456, 1.2977

Inverse Universe

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



21.8068, 11.4358, 1.9797



38.5800, 19.8773, 2.3206



24.9828, 17.9527, 2.5304



9.5556, 9.5465, 10.0486



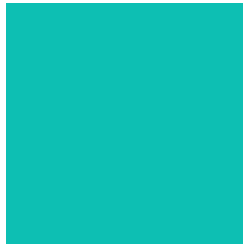
14.1787, 7.3026, 0.9687



0.5644, 0.2897, 0.0854

Previews

White Background



This preview shows how the XYZ color 26.9335, 40.6018, 49.0652 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 26.9335, 40.6018, 49.0652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

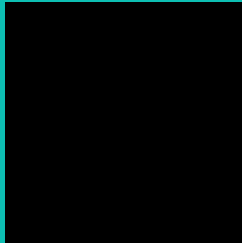
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

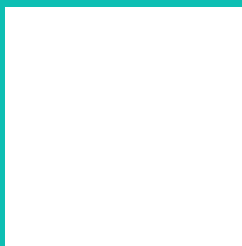
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9335, 40.6018, 49.0652

Background



This preview shows how black text looks on a background with the XYZ color 26.9335, 40.6018, 49.0652.

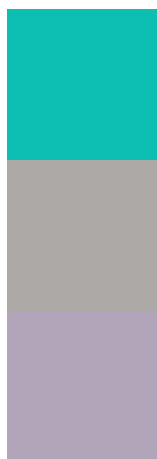


This preview shows how white text looks on a background with the XYZ color 26.9335, 40.6018,

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

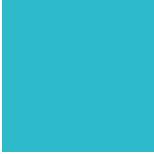
26.9335, 40.6018, 49.0652

Protanopia

38.3045, 40.0133, 41.7809

Deuteranopia

40.8025, 39.9968, 51.4686



Tritanopia

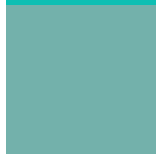
29.6320, 40.4103, 62.7381

Trichromacy



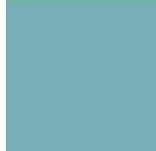
Original Color

26.9335, 40.6018, 49.0652



Protanomaly

30.1431, 38.0294, 44.2798



Deuteranomaly

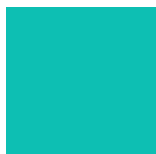
31.2910, 37.6129, 50.4106



Tritanomaly

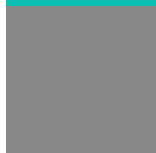
28.3480, 40.1848, 57.3013

Monochromacy



Original Color

26.9335, 40.6018, 49.0652



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

21.8703, 28.2681, 34.0094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9335, 40.6018, 49.0652 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(13, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(13, 191, 179)  
}
```

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(13, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 191, 179) }
```

Border

The CSS property to change the border of an element to XYZ 26.9335, 40.6018, 49.0652 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(13, 191, 179) }
```


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

```
.border{ border-color:rgb(13, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(13, 191,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9335, 40.6018, 49.0652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 191, 179) }
```

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

```
.background{ background-color: rgb(13, 191,  
179) }
```

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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