

Converting Colors

XYZ(26.5225, 39.7252, 49.9017)

Have a look what the booklet for
XYZ(26.5225, 39.7252, 49.9017)
contains.

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Color

**XYZ(26.5381, 39.7314,
49.9863)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDB5
RGB	0, 189, 181
RGB Percent	0%, 74%, 71%
CMY	0.9999, 0.2588, 0.2902
CMYK	1.00, 0.00, 0.04, 0.26
HSL	177°, 100%, 37%
HSV	177°, 100%, 74%
XYZ	26.5381, 39.7314, 49.9863
YIQ	131.5770, -110.0760, -42.5560

Conversions

Conversions Part 2

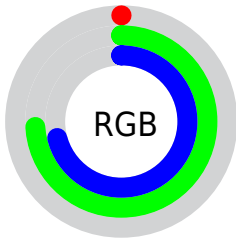
Format	Color
RYB	0, 97, 189
Decimal	48565
CIELab	69.28, -40.78, -7.26
CIELCh	69, 41.418, 190.089
Yxy	39.7314, 0.2283, 0.3418
Android (android.graphics.Color)	4278238645 (0xFF00BDB5)
YUV	131.5770, 24.3655, -115.3930
Hunter-Lab	63.0328, -35.1554, -2.8952

Details

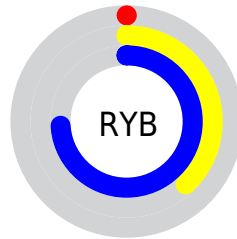
The XYZ color **26.5381, 39.7314, 49.9863** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **21.0314, 10.8376, 1.2142**, and the grayscale version is **21.7279, 22.8594, 24.8939**.

A 20% lighter version of the original color is **53.6087, 74.7927, 91.7317**, and **12.5603, 18.8865, 23.4055** is the 20% darker color. If you saturate the color by 10%, you get **26.5387, 39.7326, 49.9864**, and if you desaturate by 10%, it is **26.8885, 39.9034, 50.4335**.

Distribution



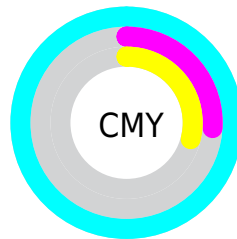
- Red (0%)
- Green (74%)
- Blue (71%)



- Red (0%)
- Yellow (38%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5381, 39.7314, 49.9863 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 26.5381, 39.7314, 49.9863 by changing the saturation by 10% instead.

■ 26.5381, 39.7314,
49.9863

■ 26.5381, 39.7314,
49.9863

277.6222,
344.9902, 403.3459

■ 17.3614, 27.3292,
35.0314

■ 53.5669, 74.7543,
91.5507

■ 10.5894, 17.8206,
23.4033

■ 72.1497, 98.1438,
118.9972

■ 5.8567, 10.8213,
14.6835

■ 94.5987, 125.9645,
151.4448

■ 2.7980, 5.9468,
8.4534

■ 121.2791,
158.6009, 189.3118

■ 1.0478, 2.8127,
4.2945

■ 152.5562,
196.4372, 233.0169

■ 0.0000, 1.0348,
1.7883

188.7956,

■ 0.0000, 0.0000,

239.8579, 282.9786

0.4202

230.3624,
289.2474, 339.6154

■ 0.0000, 0.0000,
0.0000

■ 26.5381, 39.7314,
49.9863

■ 26.5381, 39.7314,
49.9863

■ 26.5387, 39.7326,
49.9864

■ 26.8885, 39.9034,
50.4335

■ 27.4974, 40.2077,
50.8944

■ 28.4598, 40.6942,
51.3744

■ 29.8229, 41.3873,
51.8755

■ 31.6268, 42.3075,
52.3998

■ 33.9067, 43.4730,
52.9488

■ 36.6941, 44.9001,
53.5240

■ 40.0179, 46.6037,
54.1269

■ 43.9048, 48.5975,
54.7586

Harmonies

Analogous

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



26.9878, 39.7314, 31.9663



26.5381, 39.7314, 49.9863



28.8150, 39.7314, 71.3333

Triad

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



26.5381, 39.7314, 49.9863



46.5951, 39.7314, 77.6912



42.2799, 39.7314, 17.1872

Complementary

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



26.5381, 39.7314, 49.9863



21.0314, 10.8376, 1.2142

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.



48.3958, 39.7314, 23.7300



26.5381, 39.7314, 49.9863



51.0824, 39.7314, 56.9442

Square

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



26.5381, 39.7314, 49.9863



40.0441, 39.7314, 90.1605



51.7774, 39.7314, 37.1672



35.5711, 39.7314, 16.3264

Rectangle

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



26.5381, 39.7314, 49.9863



31.7489, 39.7314, 83.3182



51.7774, 39.7314, 37.1672



44.4935, 39.7314, 18.6791

Sweetspot

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



26.5393, 39.7329, 49.9873



65.4456, 80.2745, 95.8059



18.3171, 36.4577, 6.0727



13.6009, 17.0205, 20.5082



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.5393, 39.7329, 49.9873



47.5057, 71.1494, 89.3989



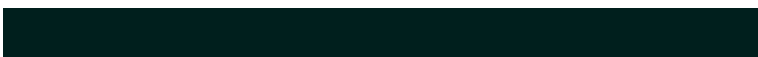
14.1331, 13.5686, 50.0198



9.7907, 10.8024, 12.1471



17.8628, 26.7354, 33.6701



0.7052, 1.0494, 1.3476

Inverse Universe

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



21.0314, 10.8376, 1.2142



37.6432, 19.3992, 2.0581



24.2413, 17.3274, 2.0679



9.5461, 9.5427, 9.9988



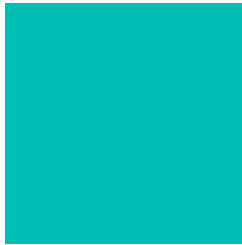
14.1569, 7.2939, 0.8540



0.5602, 0.2880, 0.0633

Previews

White Background



This preview shows how the XYZ color 26.5381, 39.7314, 49.9863 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 26.5381, 39.7314, 49.9863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

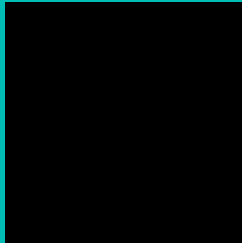
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

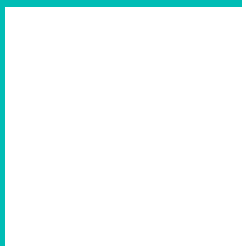
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5381, 39.7314, 49.9863

Background



This preview shows how black text looks on a background with the XYZ color 26.5381, 39.7314, 49.9863.

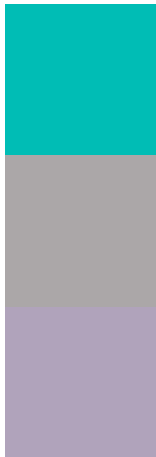


This preview shows how white text looks on a background with the XYZ color 26.5381, 39.7314,

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

26.5381, 39.7314, 49.9863

Protanopia

37.6812, 39.1225, 42.6112

Deuteranopia

39.9713, 39.0123, 52.4371



Tritanopia

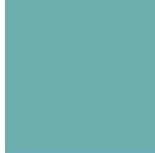
29.0160, 39.8063, 61.4124

Trichromacy



Original Color

26.5381, 39.7314, 49.9863



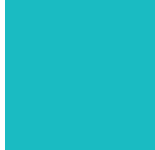
Protanomaly

29.1795, 36.9283, 45.1251



Deuteranomaly

30.1916, 36.4526, 51.3437



Tritanomaly

27.9339, 39.6553, 57.2209

Monochromacy



Original Color

26.5381, 39.7314, 49.9863



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

20.5524, 26.8693, 32.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5381, 39.7314, 49.9863 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(0, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 181)  
}
```

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(0, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.5381, 39.7314, 49.9863 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(0, 189, 181) }
```


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

```
.border{ border-color:rgb(0, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5381, 39.7314, 49.9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 181) }
```

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

```
.background{ background-color: rgb(0, 189,  
181) }
```

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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