

Converting Colors

XYZ(26.9205, 48.2074, 51.9737)

Have a look what the booklet for
XYZ(26.9205, 48.2074, 51.9737)
contains.

XYZ(32.2377, 50.9659, 52.3943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.2377, 50.9659,
52.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	00D5B6
RGB	0, 213, 182
RGB Percent	0%, 84%, 71%
CMY	0.9999, 0.1647, 0.2863
CMYK	1.00, 0.00, 0.15, 0.16
HSL	171°, 100%, 42%
HSV	171°, 100%, 84%
XYZ	32.2377, 50.9659, 52.3943
YIQ	145.7790, -116.9970, -54.7970

Conversions

Conversions Part 2

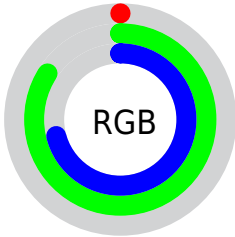
Format	Color
RYB	0, 115, 213
Decimal	54710
CIELab	76.66, -50.69, 3.03
CIELCh	77, 50.785, 176.579
Yxy	50.9659, 0.2377, 0.3759
Android (android.graphics.Color)	4278244790 (0xFF00D5B6)
YUV	145.7790, 17.8570, -127.8482
Hunter-Lab	71.3904, -44.3281, 6.4596

Details

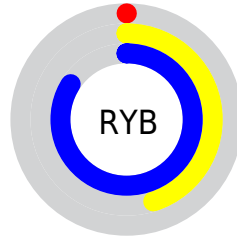
The XYZ color **32.2377, 50.9659, 52.3943** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **27.6896, 14.2464, 2.5889**, and the grayscale version is **27.1990, 28.6154, 31.1622**.

A 20% lighter version of the original color is **57.1365, 80.7572, 93.4652**, and **16.0194, 25.6989, 24.8850** is the 20% darker color. If you saturate the color by 10%, you get **32.2383, 50.9675, 52.3931**, and if you desaturate by 10%, it is **32.8792, 51.2604, 54.1169**.

Distribution



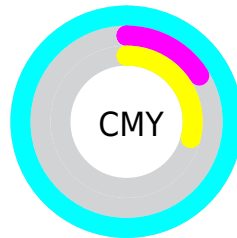
- Red (0%)
- Green (84%)
- Blue (71%)



- Red (0%)
- Yellow (45%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2377, 50.9659, 52.3943 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 32.2377, 50.9659, 52.3943 by changing the saturation by 10% instead.


 32.2377, 50.9659,
52.3943


 32.2377, 50.9659,
52.3943


303.9267,
390.4313, 412.9571


 21.6995, 36.1815,
36.9351


 62.5462, 91.6044,
95.1450


 13.7517, 24.5744,
24.8618


 83.0473, 118.2272,
123.2735


 8.0287, 15.7602,
15.7561


 107.6001,
149.5649, 156.4622

 4.1653, 9.3547,
9.1992

 136.5699,
186.0020, 195.1296

 1.7961, 4.9732,
4.7728

 170.3221,
227.9228, 239.6942

 0.5153, 2.2316,
2.0582

209.2221,

 0.0000, 0.7371,

275.7116, 290.5747

0.5907

253.6352,
329.7530, 348.1895

■ 0.0000, 0.0000,
0.0000

■ 32.2377, 50.9659,
52.3943

■ 32.2377, 50.9659,
52.3943

■ 32.2383, 50.9675,
52.3931

■ 32.8792, 51.2604,
54.1169

■ 33.8749, 51.7354,
55.8923

■ 35.3424, 52.4528,
57.7272

■ 37.3455, 53.4456,
59.6249

■ 39.9383, 54.7414,
61.5882

■ 43.1682, 56.3649,
63.6195

■ 47.0775, 58.3377,
65.7211

■ 51.7052, 60.6801,
67.8948

■ 57.0871, 63.4104,
70.1427

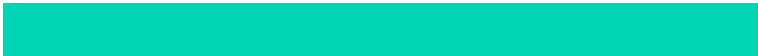
Harmonies

Analogous

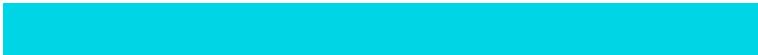
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.5971, 50.9659, 31.1497



32.2377, 50.9659, 52.3943



33.7234, 50.9659, 82.6998

Triad

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



32.2377, 50.9659, 52.3943



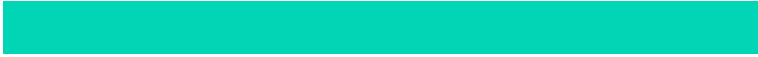
57.1889, 50.9659, 117.5543



59.3492, 50.9659, 22.0050

Complementary

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



32.2377, 50.9659, 52.3943



27.6896, 14.2464, 2.5889

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.



66.9184, 50.9659, 35.0225



32.2377, 50.9659, 52.3943



65.5598, 50.9659, 90.0445

Square

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



32.2377, 50.9659, 52.3943



47.3471, 50.9659, 126.8588



69.3282, 50.9659, 58.7119



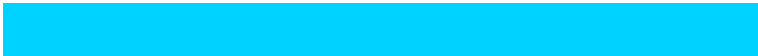
49.5528, 50.9659, 17.6554

Rectangle

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



32.2377, 50.9659, 52.3943



36.8176, 50.9659, 103.4902



69.3282, 50.9659, 58.7119



62.2859, 50.9659, 25.2466

Sweetspot

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



32.2391, 50.9679, 52.3955



70.5436, 87.5676, 98.6641



24.3902, 47.8969, 7.9604



14.5392, 18.4602, 20.8277



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.2391, 50.9679, 52.3955



48.3993, 76.5757, 78.4776



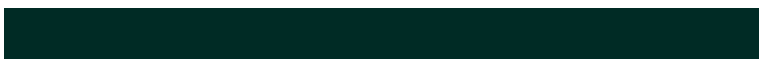
21.1660, 23.1145, 66.2990



12.7108, 14.0753, 15.5577



19.7213, 31.1439, 32.1580



1.2112, 1.8871, 2.0540

Inverse Universe

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



27.6896, 14.2464, 2.5889



41.5758, 21.3943, 3.6983



29.9288, 19.1208, 2.1141



12.4962, 12.4500, 13.2871



16.9360, 8.7107, 1.7011



1.0456, 0.5350, 0.2294

Previews

White Background



This preview shows how the XYZ color 32.2377, 50.9659, 52.3943 looks on a white background.

Color Contrast Check

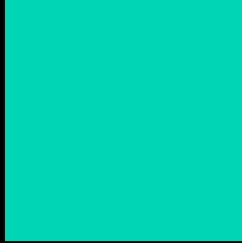
Large Text (above 18pt) WCAG AA × Fail

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 32.2377, 50.9659, 52.3943 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

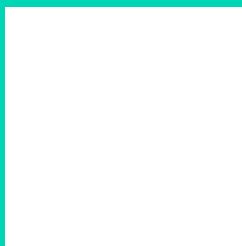
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2377, 50.9659, 52.3943

Background



This preview shows how black text looks on a background with the XYZ color 32.2377, 50.9659, 52.3943.

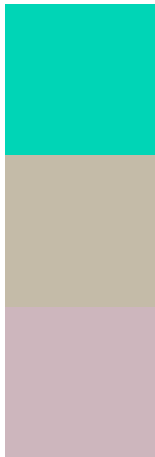


This preview shows how white text looks on a background with the XYZ color 32.2377, 50.9659,

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

32.2377, 50.9659, 52.3943

Protanopia

47.6032, 50.1036, 44.2078

Deuteranopia

51.0901, 50.1092, 55.1234



Tritanopia

37.5710, 50.9373, 78.3727

Trichromacy



Original Color

32.2377, 50.9659, 52.3943



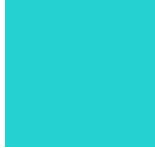
Protanomaly

35.7402, 46.8570, 46.6958



Deuteranomaly

37.1388, 46.4309, 53.4590



Tritanomaly

35.1084, 50.6164, 68.2411

Monochromacy



Original Color

32.2377, 50.9659, 52.3943



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.1469, 33.5798, 37.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2377, 50.9659, 52.3943 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, 213, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 182)  
}
```

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, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 182) }
```

Border

The CSS property to change the border of an element to XYZ 32.2377, 50.9659, 52.3943 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, 213, 182) }
```


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

```
.border{ border-color:rgb(0, 213, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 213, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2377, 50.9659, 52.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 182) }
```

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

```
.background{ background-color: rgb(0, 213,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor