

Converting Colors

XYZ(32.7824, 53.6506, 47.3960)

Have a look what the booklet for
XYZ(32.7824, 53.6506, 47.3960)
contains.

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Color

**XYZ(32.7323, 53.6291,
47.1544)**

Conversions

Conversions Part 1

Format	Color
Hex	04DBAB
RGB	4, 219, 171
RGB Percent	2%, 86%, 67%
CMY	0.9842, 0.1412, 0.3294
CMYK	0.98, 0.00, 0.22, 0.14
HSL	167°, 96%, 44%
HSV	167°, 98%, 86%
XYZ	32.7323, 53.6291, 47.1544
YIQ	149.2430, -112.7320, -60.5080

Conversions

Conversions Part 2

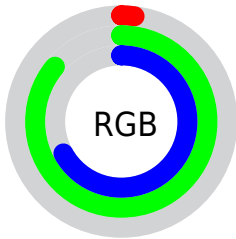
Format	Color
RYB	4, 125, 219
Decimal	318379
CIELab	78.24, -55.76, 11.18
CIELCh	78, 56.868, 168.667
Yxy	53.6291, 0.2452, 0.4017
Android (android.graphics.Color)	4278508459 (0xFF04DBAB)
YUV	149.2430, 10.7262, -127.3781
Hunter-Lab	73.2319, -48.3721, 13.0852

Details

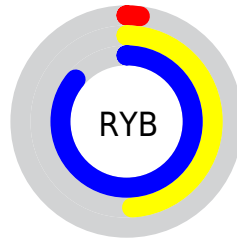
The XYZ color **32.7323, 53.6291, 47.1544** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **29.8789, 15.3964, 4.6501**, and the grayscale version is **28.6646, 30.1574, 32.8414**.

A 20% lighter version of the original color is **55.5509, 80.1368, 84.4916**, and **16.4270, 27.5263, 21.9001** is the 20% darker color. If you saturate the color by 10%, you get **32.5977, 53.5709, 46.7025**, and if you desaturate by 10%, it is **33.5825, 54.0139, 49.6741**.

Distribution



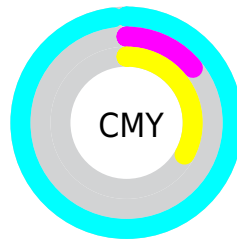
- Red (2%)
- Green (86%)
- Blue (67%)



- Red (2%)
- Yellow (49%)
- Blue (86%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)





- Cyan (98%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7323, 53.6291, 47.1544 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 32.7323, 53.6291, 47.1544 by changing the saturation by 10% instead.


 32.7323, 53.6291,
47.1544


 32.7323, 53.6291,
47.1544


306.1281,
400.6941, 391.8421


 22.0797, 38.3052,
32.8025


 63.3148, 95.5294,
87.2964


 14.0324, 26.2197,
21.7053


 83.9755, 122.8747,
113.9237


 8.2251, 16.9880,
13.4443

 108.7029,
154.9958, 145.4798

 4.2923, 10.2260,
7.6009

 137.8623,
192.2773, 182.3833

 1.8688, 5.5490,
3.7566

 171.8192,
235.1035, 225.0527

 0.5586, 2.5729,
1.4928

210.9389,

 0.0000, 0.9130,

283.8587, 273.9066

0.2125

255.5868,
338.9275, 329.3636

■ 0.0000, 0.0000,
0.0000

■ 32.7323, 53.6291,
47.1544

■ 32.7323, 53.6291,
47.1544

■ 32.5977, 53.5709,
46.7025

■ 33.5825, 54.0139,
49.6741

■ 34.8617, 54.6164,
52.3037

■ 36.6673, 55.4883,
55.0499

■ 39.0657, 56.6638,
57.9166

■ 42.1133, 58.1718,
60.9075

■ 45.8600, 60.0382,
64.0256

■ 50.3505, 62.2859,
67.2742

■ 55.6260, 64.9361,
70.6558

■ 61.7243, 68.0084,
74.1731

Harmonies

Analogous

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



36.5290, 53.6291, 26.5402



32.7323, 53.6291, 47.1544



33.2626, 53.6291, 80.2956

Triad

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



32.7323, 53.6291, 47.1544



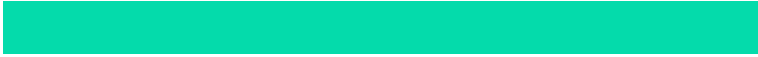
58.1361, 53.6291, 137.8639



66.4585, 53.6291, 23.3955

Complementary

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



32.7323, 53.6291, 47.1544



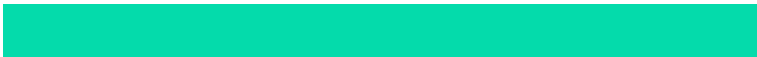
29.8789, 15.3964, 4.6501

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.



74.0628, 53.6291, 40.8863



32.7323, 53.6291, 47.1544



68.7960, 53.6291, 108.9637

Square

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



32.7323, 53.6291, 47.1544



46.8806, 53.6291, 141.4939



74.9756, 53.6291, 71.2888



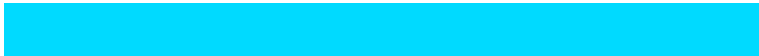
55.2965, 53.6291, 16.5482

Rectangle

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



32.7323, 53.6291, 47.1544



36.0186, 53.6291, 105.6843



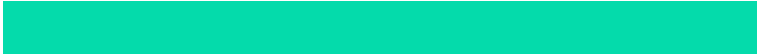
74.9756, 53.6291, 71.2888



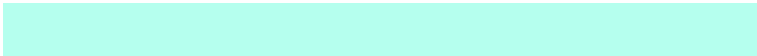
69.5811, 53.6291, 27.8533

Sweetspot

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



32.7338, 53.6312, 47.1557



70.3321, 87.5515, 94.4571



26.8862, 51.4633, 8.6322



14.4528, 18.4385, 19.7924



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.



32.7338, 53.6312, 47.1557



45.9600, 75.6000, 65.6322



25.7009, 30.8682, 71.6237



13.3139, 14.7772, 16.1162



19.3711, 31.7811, 27.9174



1.2862, 2.0714, 1.9733

Inverse Universe

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



29.8789, 15.3964, 4.6501



41.9770, 21.5548, 5.8111



30.9245, 18.4454, 2.0463



13.1745, 13.0989, 14.1802



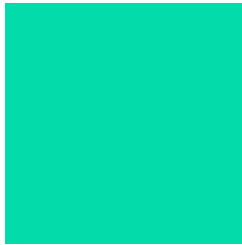
17.6837, 9.0745, 2.7147



1.1784, 0.6010, 0.3482

Previews

White Background



This preview shows how the XYZ color 32.7323, 53.6291, 47.1544 looks on a white background.

Color Contrast Check

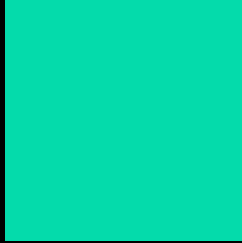
Large Text (above 18pt) WCAG AA × Fail

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 32.7323, 53.6291, 47.1544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

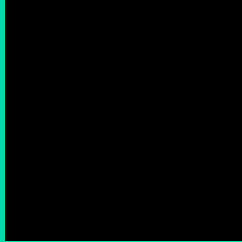
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

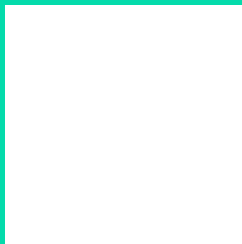
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7323, 53.6291, 47.1544

Background



This preview shows how black text looks on a background with the XYZ color 32.7323, 53.6291, 47.1544.



This preview shows how white text looks on a background with the XYZ color 32.7323, 53.6291,

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

32.7323, 53.6291, 47.1544

Protanopia

49.3452, 52.3924, 39.4103

Deuteranopia

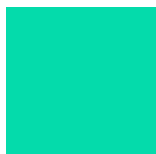
53.4092, 52.3593, 49.4109



Tritanopia

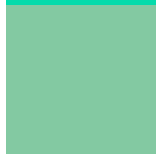
39.6818, 53.4189, 81.6182

Trichromacy



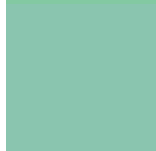
Original Color

32.7323, 53.6291, 47.1544



Protanomaly

36.7683, 49.2072, 41.7425



Deuteranomaly

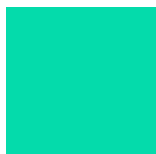
38.1853, 48.4309, 47.8930



Tritanomaly

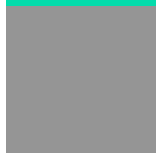
36.3912, 53.1560, 67.3736

Monochromacy



Original Color

32.7323, 53.6291, 47.1544



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.0457, 35.1932, 37.3185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7323, 53.6291, 47.1544 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(4, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(4, 219, 171)  
}
```

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(4, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 219, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.7323, 53.6291, 47.1544 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(4, 219, 171) }
```


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

```
.border{ border-color:rgb(4, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(4, 219,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7323, 53.6291, 47.1544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 219, 171) }
```

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

```
.background{ background-color: rgb(4, 219,  
171) }
```

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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