

Converting Colors

XYZ(32.8860, 53.6946, 47.9141)

Have a look what the booklet for
XYZ(32.8860, 53.6946, 47.9141)
contains.

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Color

**XYZ(32.9369, 53.7124,
48.1667)**

Conversions

Conversions Part 1

Format	Color
Hex	05DBAD
RGB	5, 219, 173
RGB Percent	2%, 86%, 68%
CMY	0.9803, 0.1412, 0.3216
CMYK	0.98, 0.00, 0.21, 0.14
HSL	167°, 96%, 44%
HSV	167°, 98%, 86%
XYZ	32.9369, 53.7124, 48.1667
YIQ	149.7700, -112.7780, -59.6740

Conversions

Conversions Part 2

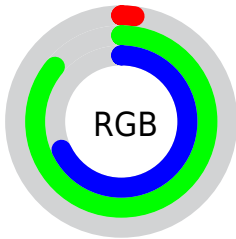
Format	Color
RYB	5, 125, 219
Decimal	383917
CIELab	78.29, -55.24, 10.18
CIELCh	78, 56.172, 169.554
Yxy	53.7124, 0.2443, 0.3984
Android (android.graphics.Color)	4278573997 (0xFF05DBAD)
YUV	149.7700, 11.4524, -126.9633
Hunter-Lab	73.2887, -48.0351, 12.3357

Details

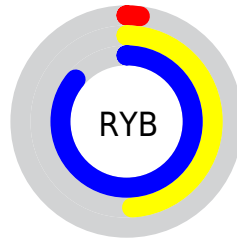
The XYZ color **32.9369, 53.7124, 48.1667** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **29.8673, 15.4091, 4.5358**, and the grayscale version is **28.8837, 30.3879, 33.0925**.

A 20% lighter version of the original color is **55.9479, 80.3096, 85.9513**, and **16.5484, 27.5749, 22.5395** is the 20% darker color. If you saturate the color by 10%, you get **32.7711, 53.6403, 47.6160**, and if you desaturate by 10%, it is **33.7894, 54.0996, 50.6284**.

Distribution



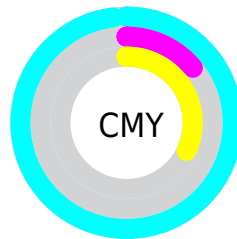
- Red (2%)
- Green (86%)
- Blue (68%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)





- Cyan (98%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9369, 53.7124, 48.1667 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 32.9369, 53.7124, 48.1667 by changing the saturation by 10% instead.


 32.9369, 53.7124,
48.1667


 32.9369, 53.7124,
48.1667


307.0353,
401.0124, 395.9803

 22.2371, 38.3718,
33.5980


 63.6323, 95.6518,
88.8207


 14.1488, 26.2714,
22.3101


 84.3587, 123.0194,
115.7430


 8.3066, 17.0268,
13.8844

 109.1580,
155.1648, 147.6204

 4.3452, 10.2536,
7.9025

 138.3955,
192.4724, 184.8712

 1.8992, 5.5674,
3.9457

 172.4366,
235.3265, 227.9140

 0.5764, 2.5839,
1.5956

211.6468,

 0.0000, 0.9186,

284.1117, 277.1675

0.2877

256.3912,
339.2121, 333.0500

■ 0.0000, 0.0000,
0.0000

■ 32.9369, 53.7124,
48.1667

■ 32.9369, 53.7124,
48.1667

■ 32.7711, 53.6403,
47.6160

■ 33.7894, 54.0996,
50.6284

■ 35.0777, 54.7083,
53.1940

■ 36.8945, 55.5876,
55.8698

■ 39.3056, 56.7713,
58.6597

■ 42.3671, 58.2884,
61.5672

■ 46.1285, 60.1643,
64.5954

■ 50.6343, 62.4221,
67.7470

■ 55.9256, 65.0827,
71.0249

■ 62.0400, 68.1658,
74.4315

Harmonies

Analogous

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



36.5784, 53.7124, 27.3134



32.9369, 53.7124, 48.1667



33.5907, 53.7124, 81.2098

Triad

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



32.9369, 53.7124, 48.1667



58.4692, 53.7124, 136.2257



66.0517, 53.7124, 23.4175

Complementary

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



32.9369, 53.7124, 48.1667



29.8673, 15.4091, 4.5358

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.



73.7087, 53.7124, 40.4501



32.9369, 53.7124, 48.1667



68.9141, 53.7124, 107.2837

Square

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



32.9369, 53.7124, 48.1667



47.3096, 53.7124, 140.6507



74.8256, 53.7124, 70.1777



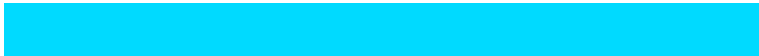
54.9868, 53.7124, 16.8301

Rectangle

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



32.9369, 53.7124, 48.1667



36.4090, 53.7124, 106.2038



74.8256, 53.7124, 70.1777



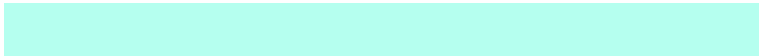
69.1732, 53.7124, 27.7509

Sweetspot

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



32.9384, 53.7145, 48.1680



70.4228, 87.5878, 94.9345



26.7450, 51.3899, 8.6541



14.4748, 18.4473, 19.9081



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.



32.9384, 53.7145, 48.1680



46.2061, 75.6985, 66.9286



25.1410, 29.7299, 71.4336



13.3187, 14.7791, 16.1415



19.4729, 31.8218, 28.4536



1.2920, 2.0738, 2.0038

Inverse Universe

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



29.8673, 15.4091, 4.5358



41.9253, 21.5341, 5.5389



31.1702, 18.9280, 2.1551



13.1700, 13.0971, 14.1567



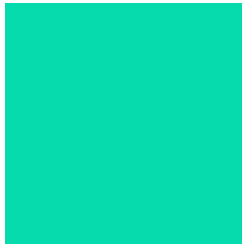
17.6605, 9.0652, 2.5923



1.1763, 0.6001, 0.3372

Previews

White Background



This preview shows how the XYZ color 32.9369, 53.7124, 48.1667 looks on a white background.

Color Contrast Check

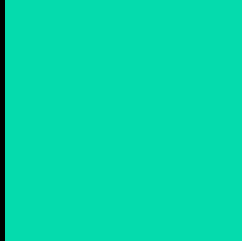
Large Text (above 18pt) WCAG AA × Fail

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 32.9369, 53.7124, 48.1667 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

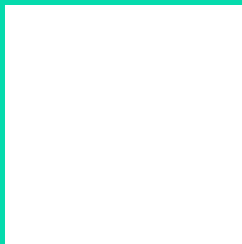
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9369, 53.7124, 48.1667

Background



This preview shows how black text looks on a background with the XYZ color 32.9369, 53.7124, 48.1667.

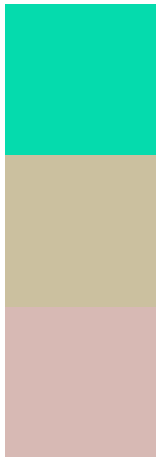


This preview shows how white text looks on a background with the XYZ color 32.9369, 53.7124,

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

32.9369, 53.7124, 48.1667

Protanopia

49.7362, 52.8990, 40.3900

Deuteranopia

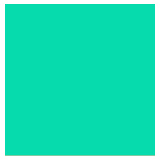
53.6115, 52.4403, 50.4764



Tritanopia

39.7519, 53.4390, 82.3484

Trichromacy



Original Color

32.9369, 53.7124, 48.1667



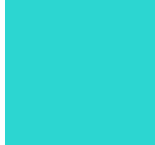
Protanomaly

37.1814, 49.7467, 42.7644



Deuteranomaly

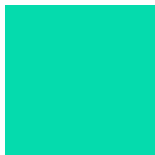
38.5495, 48.5958, 48.9431



Tritanomaly

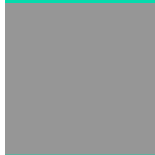
36.5939, 53.2321, 68.6677

Monochromacy



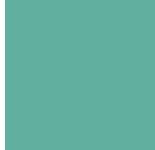
Original Color

32.9369, 53.7124, 48.1667



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.4313, 35.6700, 37.8397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9369, 53.7124, 48.1667 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(5, 219, 173)` looks like.

```
.text, #text, p{  
    color:rgb(5, 219, 173)  
}
```

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(5, 219, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 219, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.9369, 53.7124, 48.1667 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(5, 219, 173) }
```


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

```
.border{ border-color:rgb(5, 219, 173) }
```

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

Here you see how a box with a 4 pixel rgb(5, 219, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 219, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 219, 173);  
box-shadow:4px 4px 4px 4px rgb(5, 219,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9369, 53.7124, 48.1667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 219, 173) }
```

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

```
.background{ background-color: rgb(5, 219,  
173) }
```

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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