

Converting Colors

XYZ(32.6303, 51.5407, 52.6620)

Have a look what the booklet for
XYZ(32.6303, 51.5407, 52.6620)
contains.

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Color

**XYZ(32.5902, 51.5222,
52.4831)**

Conversions

Conversions Part 1

Format	Color
Hex	08D6B6
RGB	8, 214, 182
RGB Percent	3%, 84%, 71%
CMY	0.9685, 0.1608, 0.2863
CMYK	0.96, 0.00, 0.15, 0.16
HSL	171°, 93%, 44%
HSV	171°, 96%, 84%
XYZ	32.5902, 51.5222, 52.4831
YIQ	148.7580, -112.5040, -53.6240

Conversions

Conversions Part 2

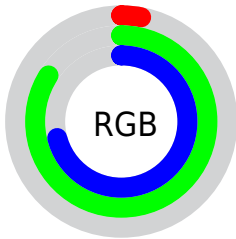
Format	Color
RYB	8, 120, 214
Decimal	579254
CIELab	76.99, -50.88, 3.52
CIELCh	77, 50.998, 176.040
Yxy	51.5222, 0.2386, 0.3772
Android (android.graphics.Color)	4278769334 (0xFF08D6B6)
YUV	148.7580, 16.3883, -123.4448
Hunter-Lab	71.7790, -44.5679, 6.8938

Details

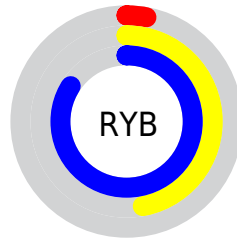
The XYZ color **32.5902, 51.5222, 52.4831** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **28.2033, 14.6245, 3.3468**, and the grayscale version is **28.4373, 29.9182, 32.5810**.

A 20% lighter version of the original color is **57.3770, 80.8812, 93.4765**, and **16.1893, 26.0387, 24.9416** is the 20% darker color. If you saturate the color by 10%, you get **32.3627, 51.4210, 51.8033**, and if you desaturate by 10%, it is **33.3579, 51.8790, 54.3355**.

Distribution



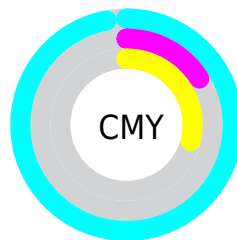
- Red (3%)
- Green (84%)
- Blue (71%)



- Red (3%)
- Yellow (47%)
- Blue (84%)



- Cyan (96%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)





- Cyan (97%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5902, 51.5222, 52.4831 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 32.5902, 51.5222, 52.4831 by changing the saturation by 10% instead.


 32.5902, 51.5222,
52.4831


 32.5902, 51.5222,
52.4831


305.4968,
392.5892, 413.3087


 21.9704, 36.6244,
37.0054


 63.0942, 92.4262,
95.2771


 13.9517, 24.9168,
24.9158


 83.7091, 119.2012,
123.4306


 8.1685, 16.0151,
15.7959


 108.3864,
150.7040, 156.6463

 4.2557, 9.5348,
9.2271

 137.4915,
187.3190, 195.3429

 1.8478, 5.0916,
4.7908

 171.3898,
229.4306, 239.9389

 0.5462, 2.3011,
2.0684

210.4465,

 0.0000, 0.7743,

277.4233, 290.8529

0.5969

255.0271,
331.6814, 348.5033

■ 0.0000, 0.0000,
0.0000

■ 32.5902, 51.5222,
52.4831

■ 32.5902, 51.5222,
52.4831

■ 32.3627, 51.4210,
51.8033

■ 33.3579, 51.8790,
54.3355

■ 34.5518, 52.4534,
56.2496

■ 36.2492, 53.2863,
58.2304

■ 38.5105, 54.4090,
60.2810

■ 41.3876, 55.8482,
62.4042

■ 44.9264, 57.6275,
64.6024

■ 49.1684, 59.7684,
66.8778

■ 54.1516, 62.2903,
69.2324

■ 59.9113, 65.2117,
71.6682

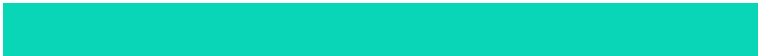
Harmonies

Analogous

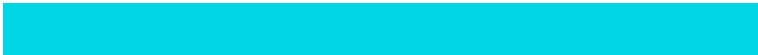
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.0456, 51.5222, 31.1947



32.5902, 51.5222, 52.4831



34.0230, 51.5222, 83.0333

Triad

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



32.5902, 51.5222, 52.4831



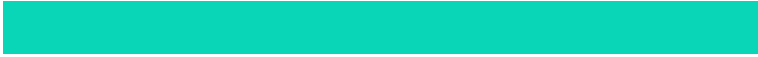
57.6428, 51.5222, 119.2498



60.1711, 51.5222, 22.3824

Complementary

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



32.5902, 51.5222, 52.4831



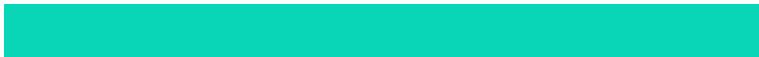
28.2033, 14.6245, 3.3468

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.



67.7571, 51.5222, 35.7274



32.5902, 51.5222, 52.4831



66.1671, 51.5222, 91.6292

Square

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



32.5902, 51.5222, 52.4831



47.6909, 51.5222, 128.2395



70.0839, 51.5222, 59.8771



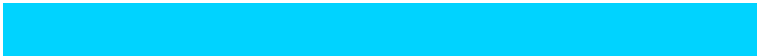
50.2724, 51.5222, 17.8492

Rectangle

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



32.5902, 51.5222, 52.4831



37.1078, 51.5222, 104.1276



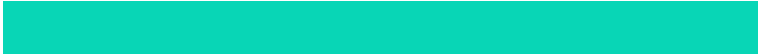
70.0839, 51.5222, 59.8771



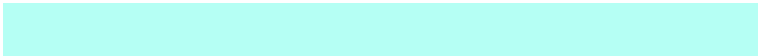
63.1245, 51.5222, 25.7151

Sweetspot

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



32.5917, 51.5242, 52.4843



71.0827, 87.8518, 98.4093



25.0611, 48.6124, 8.2929



14.6350, 18.5114, 20.7518



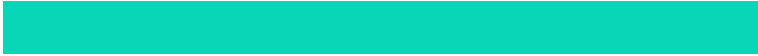
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.5917, 51.5242, 52.4843



48.0747, 76.4459, 76.7685



22.4170, 25.2639, 67.3155



12.7054, 14.0732, 15.5291



19.5920, 31.0921, 31.4768



1.2046, 1.8845, 2.0190

Inverse Universe

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



28.2033, 14.6245, 3.3468



41.6166, 21.4106, 3.9129



30.4088, 19.5786, 2.4070



12.5011, 12.4520, 13.3132



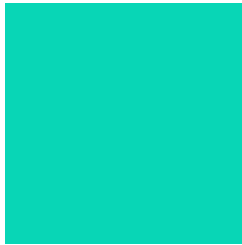
16.9545, 8.7181, 1.7987



1.0479, 0.5359, 0.2416

Previews

White Background



This preview shows how the XYZ color 32.5902, 51.5222, 52.4831 looks on a white background.

Color Contrast Check

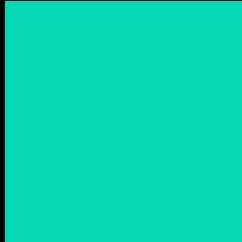
Large Text (above 18pt) WCAG AA × Fail

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 32.5902, 51.5222, 52.4831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

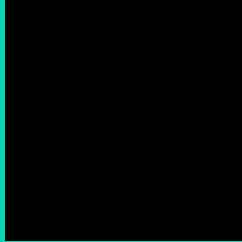
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

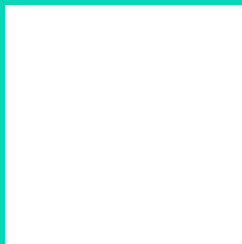
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5902, 51.5222, 52.4831

Background



This preview shows how black text looks on a background with the XYZ color 32.5902, 51.5222, 52.4831.



This preview shows how white text looks on a background with the XYZ color 32.5902, 51.5222,

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

32.5902, 51.5222, 52.4831

Protanopia

48.0771, 50.6639, 44.2910

Deuteranopia

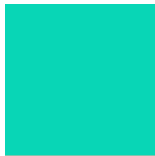
51.3669, 50.2518, 55.1364



Tritanopia

38.0100, 51.5087, 79.1730

Trichromacy



Original Color

32.5902, 51.5222, 52.4831



Protanomaly

36.4112, 47.5388, 46.7920



Deuteranomaly

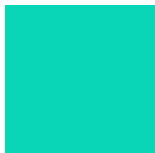
37.9862, 47.1971, 53.5622



Tritanomaly

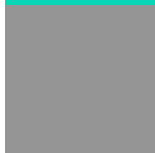
35.4697, 51.1681, 68.3286

Monochromacy



Original Color

32.5902, 51.5222, 52.4831



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.4136, 35.0570, 39.0928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5902, 51.5222, 52.4831 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(8, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(8, 214, 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(8, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 214, 182) }
```

Border

The CSS property to change the border of an element to XYZ 32.5902, 51.5222, 52.4831 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(8, 214, 182) }
```


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

```
.border{ border-color:rgb(8, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 214, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 214, 182);  
box-shadow:4px 4px 4px 4px rgb(8, 214,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5902, 51.5222, 52.4831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 214, 182) }
```

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

```
.background{ background-color: rgb(8, 214,  
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](#).

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