

Converting Colors

XYZ(25.5999, 44.7885, 28.2982)

Have a look what the booklet for
XYZ(25.5999, 44.7885, 28.2982)
contains.

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Color

**XYZ(25.6221, 44.7974,
28.4154)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00CC82 |
| RGB | 0, 204, 130 |
| RGB Percent | 0%, 80%, 51% |
| CMY | 0.9999, 0.2000, 0.4902 |
| CMYK | 1.00, 0.00, 0.36, 0.20 |
| HSL | 158°, 100%, 40% |
| HSV | 158°, 100%, 80% |
| XYZ | 25.6221, 44.7974, 28.4154 |
| YIQ | 134.5680, -97.8300, -66.2620 |

Conversions

Conversions Part 2

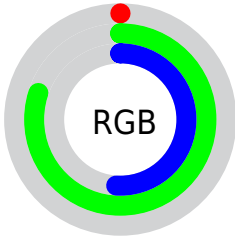
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 125, 204 |
| Decimal | 52354 |
| CIELab | 72.76, -59.58, 25.22 |
| CIElCh | 73, 64.703, 157.057 |
| Yxy | 44.7974, 0.2592, 0.4533 |
| Android (android.graphics.Color) | 4278242434 (0xFF00CC82) |
| YUV | 134.5680, -2.2520, -118.0161 |
| Hunter-Lab | 66.9309, -48.7966, 21.6801 |

Details

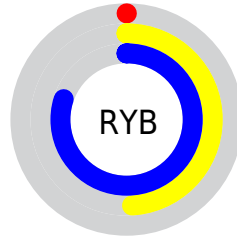
The XYZ color **25.6221, 44.7974, 28.4154** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **26.1396, 13.3328, 7.6775**, and the grayscale version is **22.9055, 24.0984, 26.2432**.

A 20% lighter version of the original color is **49.6741, 77.7056, 57.1803**, and **12.0379, 21.7590, 11.1549** is the 20% darker color. If you saturate the color by 10%, you get **25.6227, 44.7989, 28.4143**, and if you desaturate by 10%, it is **26.4350, 45.1582, 31.1418**.

Distribution



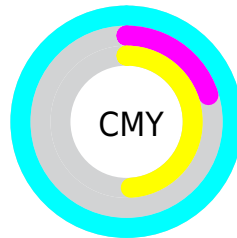
- Red (0%)
- Green (80%)
- Blue (51%)



- Red (0%)
- Yellow (49%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6221, 44.7974, 28.4154 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 25.6221, 44.7974, 28.4154 by changing the saturation by 10% instead.


 25.6221, 44.7974,
28.4154


 25.6221, 44.7974,
28.4154


273.2129,
365.9524, 308.4207


 16.6723, 31.2979,
18.3973


 52.1003, 82.4163,
58.1780

 10.0950, 20.8258,
11.0632


 70.3595, 107.3045,
78.7596


 5.5247, 12.9967,
5.9946


 92.4525, 136.7577,
103.6994

 2.5962, 7.4263,
2.7731

 118.7448,
171.1602, 133.4160

 0.9440, 3.7301,
0.9800

 149.6016,
210.8966, 168.3278

 0.0000, 1.5238,
0.0000

185.3883,

 0.0000, 0.3054,

256.3511, 208.8536

0.0000

226.4703,
307.9083, 255.4117

■ 0.0000, 0.0000,
0.0000

■ 25.6221, 44.7974,
28.4154

■ 25.6221, 44.7974,
28.4154

■ 25.6227, 44.7989,
28.4143

■ 26.4350, 45.1582,
31.1418

■ 27.5965, 45.6933,
34.0739

■ 29.2158, 46.4600,
37.2214

■ 31.3508, 47.4883,
40.5906

■ 34.0508, 48.8034,
44.1873

■ 37.3587, 50.4274,
48.0169

■ 41.3135, 52.3802,
52.0845

■ 45.9507, 54.6801,
56.3949

■ 51.3030, 57.3440,
60.9530

Harmonies

Analogous

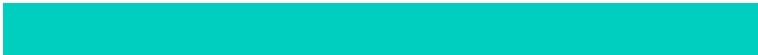
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.8422, 44.7974, 14.1884



25.6221, 44.7974, 28.4154



24.5363, 44.7974, 56.7789

Triad

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



25.6221, 44.7974, 28.4154



45.2880, 44.7974, 139.5451



62.2502, 44.7974, 20.1864

Complementary

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



25.6221, 44.7974, 28.4154



26.1396, 13.3328, 7.6775

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.



67.8177, 44.7974, 41.5641



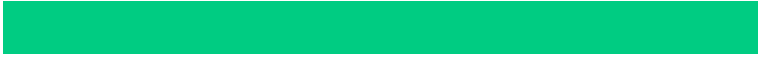
25.6221, 44.7974, 28.4154



56.9684, 44.7974, 116.6846

Square

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



25.6221, 44.7974, 28.4154



34.7002, 44.7974, 130.8144



65.7318, 44.7974, 77.0884



51.5673, 44.7974, 11.1064

Rectangle

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



25.6221, 44.7974, 28.4154



26.0920, 44.7974, 82.6786



65.7318, 44.7974, 77.0884



64.8604, 44.7974, 25.6997

Sweetspot

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



25.6233, 44.7992, 28.4164



68.1344, 86.6040, 85.9776



24.4807, 44.6756, 7.3335



13.9600, 18.2285, 17.7780



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.



25.6233, 44.7992, 28.4164



42.3255, 74.1462, 46.4933



26.5834, 35.7272, 62.6238



11.3638, 12.6553, 13.4734



16.1726, 28.2143, 18.1259



0.8699, 1.4698, 1.1225

Inverse Universe

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



26.1396, 13.3328, 7.6775



43.1940, 22.0416, 12.2198



25.2997, 13.6316, 1.2982



11.3777, 11.2798, 12.5236



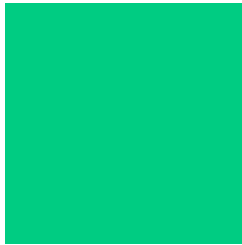
16.4926, 8.4076, 5.0466



0.8870, 0.4482, 0.4508

Previews

White Background



This preview shows how the XYZ color 25.6221, 44.7974, 28.4154 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 25.6221, 44.7974, 28.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

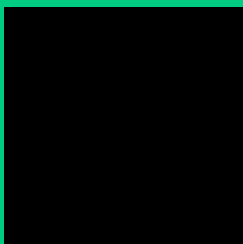
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

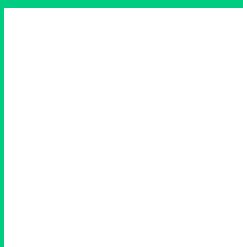
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6221, 44.7974, 28.4154

Background



This preview shows how black text looks on a background with the XYZ color 25.6221, 44.7974, 28.4154.

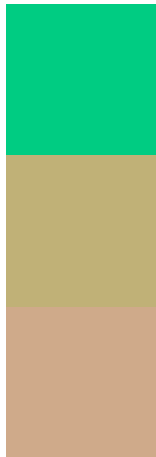


This preview shows how white text looks on a background with the XYZ color 25.6221, 44.7974,

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

25.6221, 44.7974, 28.4154

Protanopia

40.7901, 43.9827, 23.7924

Deuteranopia

44.6943, 43.8498, 30.1530



Tritanopia

33.5971, 44.6144, 67.8135

Trichromacy



Original Color

25.6221, 44.7974, 28.4154



Protanomaly

29.3715, 41.1083, 25.1255



Deuteranomaly

30.6168, 40.1107, 29.0501



Tritanomaly

29.6613, 44.3052, 50.7045

Monochromacy



Original Color

25.6221, 44.7974, 28.4154



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

20.6422, 28.8135, 26.6639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6221, 44.7974, 28.4154 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, 204, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 130)  
}
```

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, 204, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 130) }
```

Border

The CSS property to change the border of an element to XYZ 25.6221, 44.7974, 28.4154 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, 204, 130) }
```


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

```
.border{ border-color:rgb(0, 204, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6221, 44.7974, 28.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 130) }
```

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

```
.background{ background-color: rgb(0, 204,  
130) }
```

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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