

Converting Colors

XYZ(24.2627, 41.2114, 28.5769)

Have a look what the booklet for
XYZ(24.2627, 41.2114, 28.5769)
contains.

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Color

**XYZ(24.3308, 41.3654,
28.5318)**

Conversions

Conversions Part 1

Format	Color
Hex	1AC484
RGB	26, 196, 132
RGB Percent	10%, 77%, 52%
CMY	0.8980, 0.2314, 0.4823
CMYK	0.87, 0.00, 0.33, 0.23
HSL	157°, 77%, 44%
HSV	157°, 87%, 77%
XYZ	24.3308, 41.3654, 28.5318
YIQ	137.8740, -80.7760, -55.9440

Conversions

Conversions Part 2

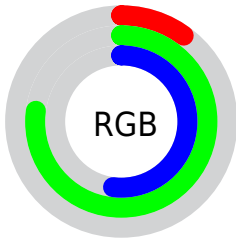
Format	Color
RYB	26, 131, 196
Decimal	1754244
CIELab	70.43, -55.07, 21.04
CIELCh	70, 58.954, 159.095
Yxy	41.3654, 0.2582, 0.4390
Android (android.graphics.Color)	4279944324 (0xFF1AC484)
YUV	137.8740, -2.8959, -98.1135
Hunter-Lab	64.3159, -45.0261, 18.7190

Details

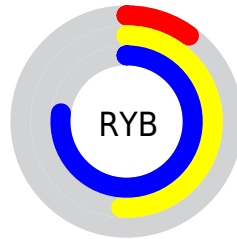
The XYZ color **24.3308, 41.3654, 28.5318** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.9813, 13.2137, 10.9090**, and the grayscale version is **24.1438, 25.4011, 27.6618**.

A 20% lighter version of the original color is **50.0245, 77.3897, 58.2001**, and **11.0479, 19.6589, 11.1949** is the 20% darker color. If you saturate the color by 10%, you get **23.4985, 40.9937, 25.9500**, and if you desaturate by 10%, it is **25.5380, 41.9284, 31.3195**.

Distribution



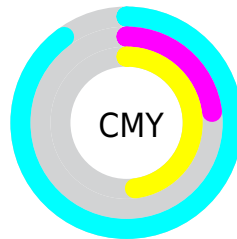
- Red (10%)
- Green (77%)
- Blue (52%)



- Red (10%)
- Yellow (51%)
- Blue (77%)



- Cyan (87%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)





- Cyan (90%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3308, 41.3654, 28.5318 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 24.3308, 41.3654, 28.5318 by changing the saturation by 10% instead.


 24.3308, 41.3654,
28.5318


 24.3308, 41.3654,
28.5318


266.8982,
351.8455, 308.9909


 15.7053, 28.6047,
18.4844


 50.0202, 77.2383,
58.3657


 9.4053, 18.7820,
11.1253


 67.8148, 101.1192,
78.9892


 5.0657, 11.5129,
6.0359


 89.3965, 129.4758,
103.9752

 2.3210, 6.4129,
2.7978

 115.1306,
162.6922, 133.7422

 0.8054, 3.0977,
0.9923

 145.3824,
201.1531, 168.7087

 0.0000, 1.1830,
0.0000

180.5174,

 0.0000, 0.0477,

245.2426, 209.2933

0.0000

220.9009,
295.3453, 255.9145

■ 0.0000, 0.0000,
0.0000

■ 24.3308, 41.3654,
28.5318

■ 24.3308, 41.3654,
28.5318

■ 23.4985, 40.9937,
25.9500

■ 25.5380, 41.9284,
31.3195

■ 23.2665, 40.8917,
25.1472

■ 27.1822, 42.7114,
34.3169

■ 29.3142, 43.7415,
37.5310

■ 31.9763, 45.0406,
40.9672

■ 35.2063, 46.6280,
44.6308

■ 39.0384, 48.5212,
48.5267

■ 43.5041, 50.7365,
52.6595

■ 48.6323, 53.2887,
57.0340

■ 54.4505, 56.1919,
61.6543

Harmonies

Analogous

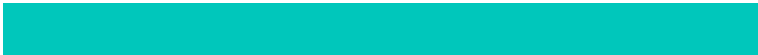
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.6818, 41.3654, 14.9875



24.3308, 41.3654, 28.5318



23.6161, 41.3654, 54.0290

Triad

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



24.3308, 41.3654, 28.5318



42.3414, 41.3654, 121.1272



55.6545, 41.3654, 19.0410

Complementary

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



24.3308, 41.3654, 28.5318



24.9813, 13.2137, 10.9090

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.



60.7768, 41.3654, 37.1076



24.3308, 41.3654, 28.5318



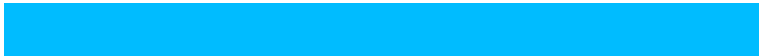
52.3005, 41.3654, 100.5682

Square

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



24.3308, 41.3654, 28.5318



33.0255, 41.3654, 115.7049



59.4575, 41.3654, 66.9331



46.3598, 41.3654, 11.2851

Rectangle

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



24.3308, 41.3654, 28.5318



25.1581, 41.3654, 76.3538



59.4575, 41.3654, 66.9331



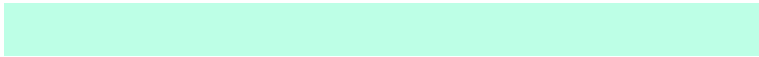
57.9856, 41.3654, 23.7265

Sweetspot

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



24.3319, 41.3670, 28.5328



70.9603, 88.0158, 88.1402



24.2587, 41.7889, 7.7653



14.6355, 18.5654, 18.3227



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.



24.3319, 41.3670, 28.5328



42.0176, 74.0230, 44.8719



25.9492, 35.3230, 57.6768



10.2025, 11.3621, 12.0699



14.9921, 26.2909, 16.3835



0.6803, 1.1490, 0.8794

Inverse Universe

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



24.9813, 13.2137, 10.9090



43.3516, 22.1046, 13.0493



23.9232, 13.7525, 2.3714



10.2266, 10.1392, 11.2836



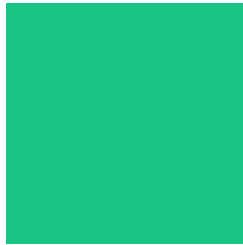
15.4559, 7.8721, 5.0471



0.7014, 0.3536, 0.3947

Previews

White Background



This preview shows how the XYZ color 24.3308, 41.3654, 28.5318 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 24.3308, 41.3654, 28.5318 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

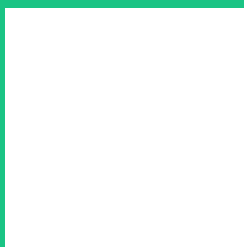
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3308, 41.3654, 28.5318

Background



This preview shows how black text looks on a background with the XYZ color 24.3308, 41.3654, 28.5318.

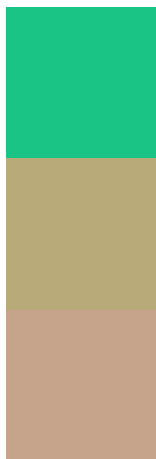


This preview shows how white text looks on a background with the XYZ color 24.3308, 41.3654,

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

24.3308, 41.3654, 28.5318

Protanopia

37.7813, 40.6966, 23.9531

Deuteranopia

41.2244, 40.4208, 30.0553



Tritanopia

31.0295, 41.1445, 62.1834

Trichromacy



Original Color

24.3308, 41.3654, 28.5318



Protanomaly

28.7753, 38.6352, 25.3428



Deuteranomaly

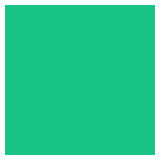
29.9609, 37.9791, 29.0442



Tritanomaly

27.9248, 40.8135, 48.0010

Monochromacy



Original Color

24.3308, 41.3654, 28.5318



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.7718, 29.1152, 27.7649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3308, 41.3654, 28.5318 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(26, 196, 132)` looks like.

```
.text, #text, p{  
    color:rgb(26, 196, 132)  
}
```

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(26, 196, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 196, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.3308, 41.3654, 28.5318 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(26, 196, 132) }
```


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

```
.border{ border-color:rgb(26, 196, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 196, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 196, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 196, 132);  
box-shadow:4px 4px 4px 4px rgb(26, 196,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3308, 41.3654, 28.5318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 196, 132) }
```

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

```
.background{ background-color: rgb(26, 196,  
132) }
```

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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