

Converting Colors

XYZ(24.1495, 41.7260, 26.3553)

Have a look what the booklet for
XYZ(24.1495, 41.7260, 26.3553)
contains.

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Color

**XYZ(24.1331, 41.6455,
26.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	19C57E
RGB	25, 197, 126
RGB Percent	10%, 77%, 49%
CMY	0.9019, 0.2274, 0.5059
CMYK	0.87, 0.00, 0.36, 0.23
HSL	155°, 77%, 44%
HSV	155°, 87%, 77%
XYZ	24.1331, 41.6455, 26.5051
YIQ	137.4780, -79.7210, -58.5450

Conversions

Conversions Part 2

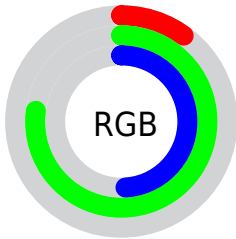
Format	Color
RYB	25, 133, 197
Decimal	1688958
CIELab	70.63, -56.77, 24.48
CIELCh	71, 61.826, 156.678
Yxy	41.6455, 0.2615, 0.4513
Android (android.graphics.Color)	4279879038 (0xFF19C57E)
YUV	137.4780, -5.6587, -98.6432
Hunter-Lab	64.5333, -46.1809, 20.8218

Details

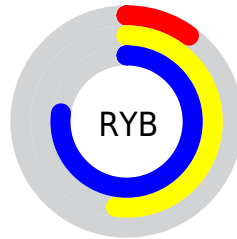
The XYZ color **24.1331, 41.6455, 26.5051** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.4866, 13.4113, 12.3147**, and the grayscale version is **24.0032, 25.2532, 27.5008**.

A 20% lighter version of the original color is **49.7224, 77.7779, 55.0398**, and **10.9775, 19.8678, 10.0938** is the 20% darker color. If you saturate the color by 10%, you get **23.2957, 41.2731, 23.8376**, and if you desaturate by 10%, it is **25.3490, 42.2103, 29.4149**.

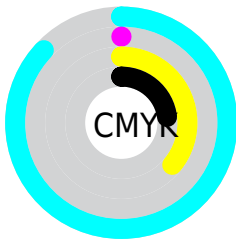
Distribution



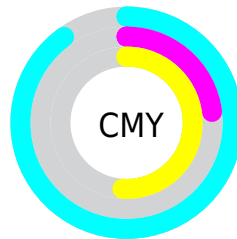
- Red (10%)
- Green (77%)
- Blue (49%)



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



- Cyan (87%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)





- Cyan (90%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1331, 41.6455, 26.5051 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 24.1331, 41.6455, 26.5051 by changing the saturation by 10% instead.


 24.1331, 41.6455,
26.5051


 24.1331, 41.6455,
26.5051


265.9207,
353.0113, 298.9368


 15.5577, 28.8238,
16.9727


 49.7004, 77.6628,
55.0827


 9.3005, 18.9476,
10.0533


 67.4230, 101.6272,
74.9651


 4.9964, 11.6324,
5.3282


 88.9253, 130.0747,
99.1345

 2.2799, 6.4939,
2.3790

 114.5727,
163.3896, 128.0096

 0.7843, 3.1477,
0.7750

 144.7306,
201.9563, 162.0088

 0.0000, 1.2093,
0.0000

179.7644,

 0.0000, 0.0693,

246.1592, 201.5507

0.0000

220.0393,
296.3827, 247.0539

■ 0.0000, 0.0000,
0.0000

■ 24.1331, 41.6455,
26.5051

■ 24.1331, 41.6455,
26.5051

■ 23.2957, 41.2731,
23.8376

■ 25.3490, 42.2103,
29.4149

■ 23.1006, 41.1874,
23.1570

■ 27.0108, 42.9988,
32.5725

■ 29.1705, 44.0389,
35.9862

■ 31.8717, 45.3528,
39.6628

■ 35.1531, 46.9605,
43.6087

■ 39.0497, 48.8799,
47.8300

■ 43.5936, 51.1274,
52.3328

■ 48.8147, 53.7183,
57.1225

■ 54.7408, 56.6670,
62.2047

Harmonies

Analogous

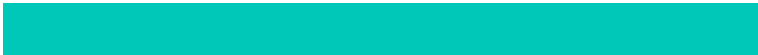
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9613, 41.6455, 13.5167



24.1331, 41.6455, 26.5051



23.0893, 41.6455, 52.2138

Triad

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



24.1331, 41.6455, 26.5051



41.9137, 41.6455, 127.4217



57.5391, 41.6455, 19.3401

Complementary

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



24.1331, 41.6455, 26.5051



25.4866, 13.4113, 12.3147

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.



62.4997, 41.6455, 39.1065



24.1331, 41.6455, 26.5051



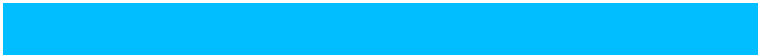
52.5275, 41.6455, 107.1602

Square

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



24.1331, 41.6455, 26.5051



32.2976, 41.6455, 119.2037



60.5234, 41.6455, 71.4918



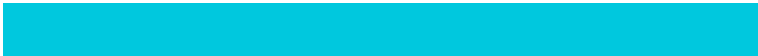
47.8886, 41.6455, 10.8001

Rectangle

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



24.1331, 41.6455, 26.5051



24.4847, 41.6455, 75.6178



60.5234, 41.6455, 71.4918



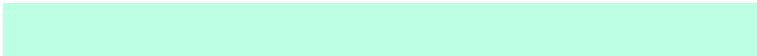
59.8798, 41.6455, 24.4699

Sweetspot

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



24.1342, 41.6472, 26.5061



70.6242, 87.8814, 86.3704



25.0377, 42.5277, 7.8094



14.5556, 18.5335, 17.9021



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.



24.1342, 41.6472, 26.5061



41.2434, 73.7134, 40.7953



27.3452, 37.9694, 58.7128



10.7543, 11.9906, 12.6564



15.2362, 27.1068, 15.4540



0.7568, 1.2977, 0.9182

Inverse Universe

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



25.4866, 13.4113, 12.3147



43.8036, 22.2855, 15.4299



23.9392, 13.4147, 2.2479



10.8124, 10.7083, 11.9953



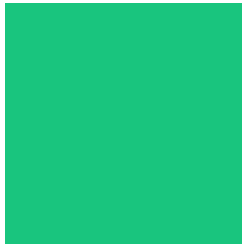
16.1696, 8.2174, 6.1027



0.8015, 0.4034, 0.4778

Previews

White Background



This preview shows how the XYZ color 24.1331, 41.6455, 26.5051 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 24.1331, 41.6455, 26.5051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

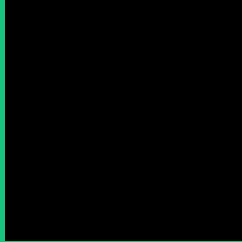
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.1331, 41.6455, 26.5051

Background



This preview shows how black text looks on a background with the XYZ color 24.1331, 41.6455, 26.5051.

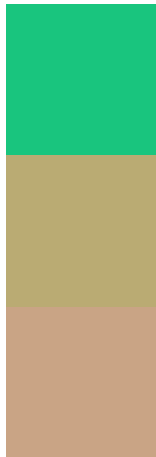


This preview shows how white text looks on a background with the XYZ color 24.1331, 41.6455,

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

24.1331, 41.6455, 26.5051

Protanopia

37.9071, 40.8027, 22.0975

Deuteranopia

41.5965, 40.6619, 27.8465



Tritanopia

31.5104, 41.6947, 62.8870

Trichromacy



Original Color

24.1331, 41.6455, 26.5051



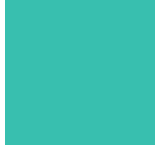
Protanomaly

28.4034, 38.4865, 23.3844



Deuteranomaly

29.8711, 37.9807, 26.8757



Tritanomaly

27.9996, 41.1975, 47.0336

Monochromacy



Original Color

24.1331, 41.6455, 26.5051



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

21.4556, 28.9765, 26.6525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1331, 41.6455, 26.5051 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(25, 197, 126)` looks like.

```
.text, #text, p{  
    color:rgb(25, 197, 126)  
}
```

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(25, 197, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 197, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.1331, 41.6455, 26.5051 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(25, 197, 126) }
```


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

```
.border{ border-color:rgb(25, 197, 126) }
```

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

Here you see how a box with a 4 pixel rgb(25, 197, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 197, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 197, 126);  
box-shadow:4px 4px 4px 4px rgb(25, 197,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1331, 41.6455, 26.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 197, 126) }
```

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

```
.background{ background-color: rgb(25, 197,  
126) }
```

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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