

Converting Colors

XYZ(23.9592, 43.2404, 22.2638)

Have a look what the booklet for
XYZ(23.9592, 43.2404, 22.2638)
contains.

| | |
|--|----|
| XYZ(24.0148, 43.4017, 22.1506) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(24.0148, 43.4017,
22.1506)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 02CA6F |
| RGB | 2, 202, 111 |
| RGB Percent | 1%, 79%, 44% |
| CMY | 0.9921, 0.2078, 0.5647 |
| CMYK | 0.99, 0.00, 0.45, 0.21 |
| HSL | 153°, 98%, 40% |
| HSV | 153°, 99%, 79% |
| XYZ | 24.0148, 43.4017, 22.1506 |
| YIQ | 131.8260, -89.9890, -70.7010 |

Conversions

Conversions Part 2

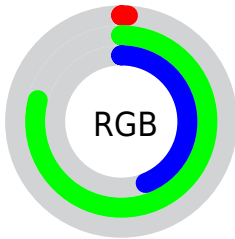
| Format | Color |
|-------------------------------------|----------------------------------|
| R_{YB} | 2, 131, 202 |
| Decimal | 182895 |
| CIE Lab | 71.83, -62.47, 33.80 |
| CIE LCh | 72, 71.027, 151.584 |
| Yxy | 43.4017, 0.2681, 0.4846 |
| Android (android.graphics.Color) | 4278372975 (0xFF02CA6F) |
| YUV | 131.8260, -10.2672, -113.8574 |
| Hunter-Lab | 65.8800, -50.2225, 26.1811 |

Details

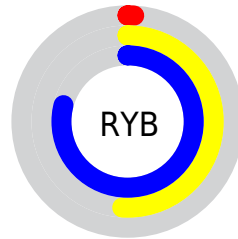
The XYZ color **24.0148, 43.4017, 22.1506** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **26.3561, 13.3912, 11.5539**, and the grayscale version is **21.9301, 23.0721, 25.1256**.

A 20% lighter version of the original color is **47.8277, 76.9670, 47.4573**, and **11.1212, 20.8947, 7.8618** is the 20% darker color. If you saturate the color by 10%, you get **23.9407, 43.3704, 21.8866**, and if you desaturate by 10%, it is **24.8588, 43.7765, 24.9706**.

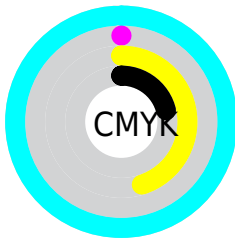
Distribution



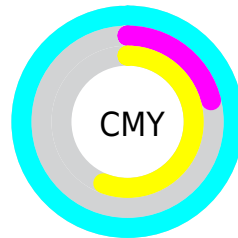
- Red (1%)
- Green (79%)
- Blue (44%)



- Red (1%)
- Yellow (51%)
- Blue (79%)



- Cyan (99%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)





- Cyan (99%)
- Magenta (21%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0148, 43.4017, 22.1506 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 24.0148, 43.4017, 22.1506 by changing the saturation by 10% instead.


 24.0148, 43.4017,
22.1506


 24.0148, 43.4017,
22.1506


265.3344,
360.2612, 276.3109


 15.4694, 30.2004,
13.7682

 49.5088, 80.3167,
47.9002


 9.2379, 19.9908,
7.8227

 67.1882, 104.7992,
66.1044


 4.9551, 12.3883,
3.8956


 88.6429, 133.8109,
88.4197

 2.2554, 7.0087,
1.5682

 114.2384,
167.7362, 115.2646

 0.7717, 3.4676,
0.2680

 144.3399,
206.9595, 147.0576

 0.0000, 1.3804,
0.0000

179.3128,

 0.0000, 0.2022,

251.8651, 184.2173

0.0000

219.5225,
302.8376, 227.1622

■ 0.0000, 0.0000,
0.0000

■ 24.0148, 43.4017,
22.1506

■ 24.0148, 43.4017,
22.1506

■ 23.9407, 43.3704,
21.8866

■ 24.8588, 43.7765,
24.9706

■ 26.0812, 44.3389,
28.0872

■ 27.7758, 45.1384,
31.5131

■ 29.9989, 46.2039,
35.2582

■ 32.7985, 47.5599,
39.3318

■ 36.2168, 49.2280,
43.7425

■ 40.2920, 51.2278,
48.4987

■ 45.0591, 53.5772,
53.6084

■ 50.5504, 56.2926,
59.0791

Harmonies

Analogous

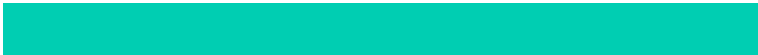
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.2467, 43.4017, 10.2294



24.0148, 43.4017, 22.1506



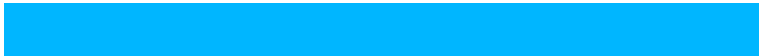
22.1226, 43.4017, 49.1197

Triad

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



24.0148, 43.4017, 22.1506



41.8973, 43.4017, 149.7684



64.3616, 43.4017, 20.2840

Complementary

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



24.0148, 43.4017, 22.1506



26.3561, 13.3912, 11.5539

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.



69.0876, 43.4017, 45.4422



24.0148, 43.4017, 22.1506



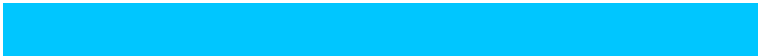
54.6474, 43.4017, 129.5545

Square

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



24.0148, 43.4017, 22.1506



31.1599, 43.4017, 133.1895



65.2291, 43.4017, 86.4898



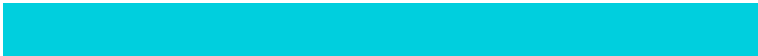
53.3171, 43.4017, 9.5807

Rectangle

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



24.0148, 43.4017, 22.1506



23.2088, 43.4017, 76.1837



65.2291, 43.4017, 86.4898



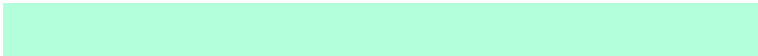
66.8290, 43.4017, 26.7726

Sweetspot

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



24.0159, 43.4034, 22.1516



67.1787, 86.2217, 80.9447



25.8871, 44.6983, 7.3209



13.7327, 18.1376, 16.5810



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.



24.0159, 43.4034, 22.1516



40.4180, 73.3832, 36.4490



30.2770, 43.4588, 62.6720



11.3195, 12.6375, 13.2399



15.4504, 27.9255, 14.3227



0.8351, 1.4558, 0.9390

Inverse Universe

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



26.3561, 13.3912, 11.5539



44.3941, 22.5216, 18.5393



24.4633, 12.7498, 1.2293



11.4210, 11.2971, 12.7517



16.9579, 8.5938, 7.4971



0.9129, 0.4586, 0.5875

Previews

White Background



This preview shows how the XYZ color 24.0148, 43.4017, 22.1506 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 24.0148, 43.4017, 22.1506 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 24.0148, 43.4017, 22.1506

Background



This preview shows how black text looks on a background with the XYZ color 24.0148, 43.4017, 22.1506.



This preview shows how white text looks on a background with the XYZ color 24.0148, 43.4017,

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

24.0148, 43.4017, 22.1506

Protanopia

39.1648, 42.6759, 18.4850

Deuteranopia

43.4430, 42.5247, 23.3711



Tritanopia

32.7949, 43.2625, 65.6535

Trichromacy



Original Color

24.0148, 43.4017, 22.1506



Protanomaly

27.9248, 39.8554, 19.5857



Deuteranomaly

29.3052, 38.9718, 22.5008



Tritanomaly

28.1804, 42.6371, 45.7743

Monochromacy



Original Color

24.0148, 43.4017, 22.1506



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

19.4414, 27.5005, 23.3522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0148, 43.4017, 22.1506 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(2, 202, 111)` looks like.

```
.text, #text, p{  
    color:rgb(2, 202, 111)  
}
```

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(2, 202, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 202, 111) }
```

Border

The CSS property to change the border of an element to XYZ 24.0148, 43.4017, 22.1506 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(2, 202, 111) }
```


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

```
.border{ border-color:rgb(2, 202, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 202, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 202, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 202, 111);  
box-shadow:4px 4px 4px 4px rgb(2, 202,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0148, 43.4017, 22.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 202, 111) }
```

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

```
.background{ background-color: rgb(2, 202,  
111) }
```

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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