

Converting Colors

XYZ(24.4933, 43.3737, 18.0571)

Have a look what the booklet for
XYZ(24.4933, 43.3737, 18.0571)
contains.

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Color

**XYZ(24.5193, 43.4021,
18.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	36C960
RGB	54, 201, 96
RGB Percent	21%, 79%, 38%
CMY	0.7882, 0.2118, 0.6235
CMYK	0.73, 0.00, 0.52, 0.21
HSL	137°, 58%, 50%
HSV	137°, 73%, 79%
XYZ	24.5193, 43.4021, 18.1515
YIQ	145.0770, -53.9070, -63.8190

Conversions

Conversions Part 2

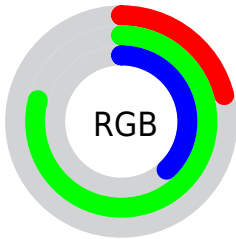
Format	Color
RYB	54, 168, 201
Decimal	3590496
CIELab	71.83, -60.27, 41.35
CIELCh	72, 73.094, 145.546
Yxy	43.4021, 0.2849, 0.5042
Android (android.graphics.Color)	4281780576 (0xFF36C960)
YUV	145.0770, -24.1950, -79.8745
Hunter-Lab	65.8803, -48.8564, 29.7805

Details

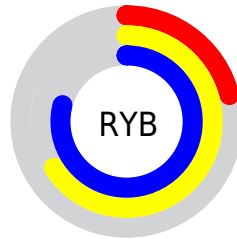
The XYZ color **24.5193, 43.4021, 18.1515** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **31.6659, 17.5598, 34.5225**, and the grayscale version is **27.0569, 28.4660, 30.9994**.

A 20% lighter version of the original color is **49.0700, 77.7549, 40.8557**, and **10.7525, 20.7472, 5.9205** is the 20% darker color. If you saturate the color by 10%, you get **23.0535, 42.7172, 14.9423**, and if you desaturate by 10%, it is **26.5535, 44.3685, 22.0194**.

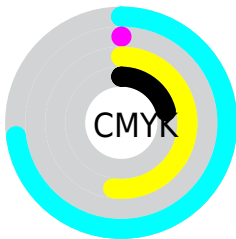
Distribution



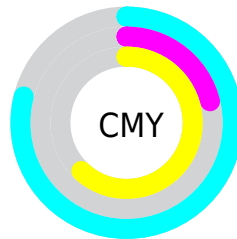
- Red (21%)
- Green (79%)
- Blue (38%)



- Red (21%)
- Yellow (66%)
- Blue (79%)



- Cyan (73%)
- Magenta (0%)
- Yellow (52%)
- Black (21%)





- Cyan (79%)
- Magenta (21%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5193, 43.4021, 18.1515 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 24.5193, 43.4021, 18.1515 by changing the saturation by 10% instead.


 24.5193, 43.4021,
18.1515


 24.5193, 43.4021,
18.1515


267.8275,
360.2628, 253.9883


 15.8461, 30.2007,
10.8882

 50.3248, 80.3173,
41.1127


 9.5055, 19.9910,
5.8785


 68.1879, 104.7999,
57.6478


 5.1321, 12.3885,
2.7038


 89.8449, 133.8117,
78.1105

 2.3605, 7.0088,
0.9453

 115.6613,
167.7372, 102.9195

 0.8254, 3.4676,
0.0000

 146.0024,
206.9606, 132.4932

 0.0000, 1.3805,
0.0000

181.2336,

 0.0000, 0.2023,

251.8664, 167.2502

0.0000

221.7202,
302.8390, 207.6091

■ 0.0000, 0.0000,
0.0000

■ 24.5193, 43.4021,
18.1515

■ 24.5193, 43.4021,
18.1515

■ 23.0535, 42.7172,
14.9423

■ 26.5535, 44.3685,
22.0194

■ 22.0873, 42.2755,
12.3515

■ 29.2080, 45.6388,
26.5774

■ 21.6368, 42.0747,
10.9083

■ 32.5321, 47.2390,
31.8582

■ 36.5690, 49.1907,
37.8919

■ 41.3583, 51.5138,
44.7065

■ 46.9366, 54.2267,
52.3286

■ 53.3382, 57.3463,
60.7837

■ 60.5951, 60.8887,
70.0961

■ 68.7376, 64.8692,
80.2890

Harmonies

Analogous

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



31.7821, 43.4021, 8.5000



24.5193, 43.4021, 18.1515



21.7208, 43.4021, 42.1396

Triad

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



24.5193, 43.4021, 18.1515



39.4243, 43.4021, 153.5875



66.7857, 43.4021, 23.4630

Complementary

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



24.5193, 43.4021, 18.1515



31.6659, 17.5598, 34.5225

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.



69.9559, 43.4021, 52.7739



24.5193, 43.4021, 18.1515



52.4387, 43.4021, 139.7968

Square

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



24.5193, 43.4021, 18.1515



29.1566, 43.4021, 129.1282



64.2596, 43.4021, 97.5098



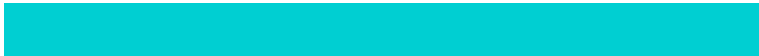
56.3016, 43.4021, 10.3084

Rectangle

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



24.5193, 43.4021, 18.1515



22.2480, 43.4021, 68.0738



64.2596, 43.4021, 97.5098



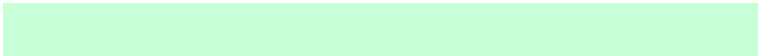
68.8216, 43.4021, 31.1868

Sweetspot

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



24.5204, 43.4039, 18.1525



71.5433, 88.5511, 77.5634



35.9216, 49.4484, 11.1415



14.7958, 18.7023, 15.8793



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.



24.5204, 43.4039, 18.1525



38.3657, 72.6262, 22.7549



29.5847, 45.4296, 44.8211



10.6200, 11.9369, 11.9491



13.6384, 26.4677, 7.0402



0.6777, 1.2660, 0.5016

Inverse Universe

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



31.6659, 17.5598, 34.5225



51.1109, 25.9757, 51.5438



27.0814, 15.7260, 10.3810



10.9489, 10.7629, 12.7142



18.3309, 9.0819, 17.4845



0.8980, 0.4421, 0.9862

Previews

White Background



This preview shows how the XYZ color 24.5193, 43.4021, 18.1515 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 24.5193, 43.4021, 18.1515 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 24.5193, 43.4021, 18.1515

Background



This preview shows how black text looks on a background with the XYZ color 24.5193, 43.4021, 18.1515.

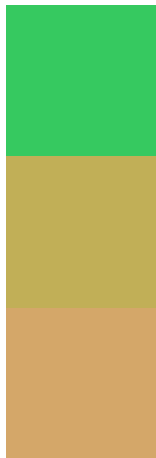


This preview shows how white text looks on a background with the XYZ color 24.5193, 43.4021,

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

24.5193, 43.4021, 18.1515

Protanopia

39.0426, 42.6855, 15.1982

Deuteranopia

43.5199, 42.6544, 19.3040



Tritanopia

33.6307, 43.0783, 64.3000

Trichromacy



Original Color

24.5193, 43.4021, 18.1515



Protanomaly

30.1413, 40.7699, 15.9536



Deuteranomaly

32.0359, 40.1681, 18.6351



Tritanomaly

29.0034, 42.4762, 42.2674

Monochromacy



Original Color

24.5193, 43.4021, 18.1515



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

23.9680, 31.8873, 24.9703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5193, 43.4021, 18.1515 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(54, 201, 96)` looks like.

```
.text, #text, p{  
    color:rgb(54, 201, 96)  
}
```

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(54, 201, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 201, 96) }
```

Border

The CSS property to change the border of an element to XYZ 24.5193, 43.4021, 18.1515 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(54, 201, 96) }
```


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

```
.border{ border-color:rgb(54, 201, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 201, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 201, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 201, 96);  
box-shadow:4px 4px 4px 4px rgb(54, 201,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5193, 43.4021, 18.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 201, 96) }
```

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

```
.background{ background-color: rgb(54, 201,  
96) }
```

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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