

Converting Colors

XYZ(25.3863, 43.0248, 23.3821)

Have a look what the booklet for
XYZ(25.3863, 43.0248, 23.3821)
contains.

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Color

**XYZ(25.4393, 43.0685,
23.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	3CC774
RGB	60, 199, 116
RGB Percent	24%, 78%, 45%
CMY	0.7647, 0.2196, 0.5451
CMYK	0.70, 0.00, 0.42, 0.22
HSL	144°, 55%, 51%
HSV	144°, 70%, 78%
XYZ	25.4393, 43.0685, 23.4953
YIQ	147.9770, -56.2010, -55.2810

Conversions

Conversions Part 2

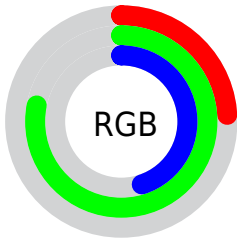
Format	Color
RYB	60, 159, 199
Decimal	3983220
CIELab	71.60, -55.37, 31.08
CIElCh	72, 63.493, 150.695
Yxy	43.0685, 0.2765, 0.4681
Android (android.graphics.Color)	4282173300 (0xFF3CC774)
YUV	147.9770, -15.7647, -77.1558
Hunter-Lab	65.6266, -45.6533, 24.7119

Details

The XYZ color **25.4393, 43.0685, 23.4953** 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 **30.1283, 17.3578, 27.7504**, and the grayscale version is **28.2202, 29.6898, 32.3322**.

A 20% lighter version of the original color is **51.2336, 78.6697, 50.0206**, and **10.9566, 20.3399, 8.5028** is the 20% darker color. If you saturate the color by 10%, you get **23.8081, 42.3036, 20.0391**, and if you desaturate by 10%, it is **27.6130, 44.1052, 27.4404**.

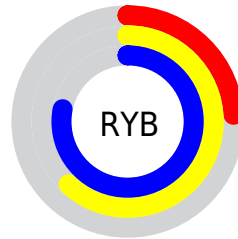
Distribution



Red (24%)

Green (78%)

Blue (45%)



Red (24%)

Yellow (62%)

Blue (78%)

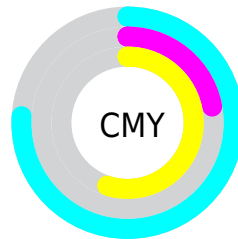


Cyan (70%)

Magenta (0%)

Yellow (42%)

Black (22%)



Cyan (76%)


Magenta (22%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4393, 43.0685, 23.4953 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 25.4393, 43.0685, 23.4953 by changing the saturation by 10% instead.


 25.4393, 43.0685,
23.4953


 25.4393, 43.0685,
23.4953


272.3261,
358.8934, 283.4628


 16.5351, 29.9389,
14.7509


 51.8068, 79.8142,
50.1388


 9.9968, 19.7922,
8.5001


 70.0008, 104.1991,
68.8750

 5.4591, 12.2441,
4.3243


 92.0221, 133.1045,
91.7789

 2.5566, 6.9101,
1.8049

 118.2362,
166.9148, 119.2691

 0.9239, 3.4060,
0.4312

 149.0082,
206.0145, 151.7640

 0.0000, 1.3472,
0.0000

184.7037,

 0.0000, 0.1773,

250.7879, 189.6822

0.0000

225.6878,
301.6194, 233.4423

■ 0.0000, 0.0000,
0.0000

■ 25.4393, 43.0685,
23.4953

■ 25.4393, 43.0685,
23.4953

■ 23.8081, 42.3036,
20.0391

■ 27.6130, 44.1052,
27.4404

■ 22.6590, 41.7762,
17.0489

■ 30.3746, 45.4332,
31.8901

■ 21.8891, 41.4349,
14.5021

■ 33.7679, 47.0760,
36.8631

■ 21.8787, 41.4303,
14.4668

■ 37.8317, 49.0531,
42.3762

■ 42.6014, 51.3826,
48.4452

■ 48.1101, 54.0812,
55.0855

■ 54.3885, 57.1644,
62.3118

■ 61.4656, 60.6469,
70.1381

■ 69.3689, 64.5426,
78.5781

Harmonies

Analogous

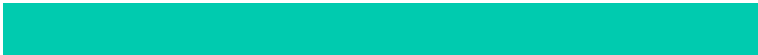
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.2730, 43.0685, 12.2079



25.4393, 43.0685, 23.4953



23.5640, 43.0685, 47.6156

Triad

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



25.4393, 43.0685, 23.4953



41.1864, 43.0685, 134.3708



61.3834, 43.0685, 22.7198

Complementary

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



25.4393, 43.0685, 23.4953



30.1283, 17.3578, 27.7504

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.



65.2503, 43.0685, 46.1802



25.4393, 43.0685, 23.4953



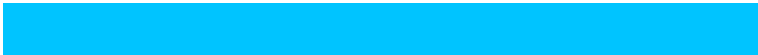
52.4073, 43.0685, 118.3465

Square

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



25.4393, 43.0685, 23.4953



31.6371, 43.0685, 119.6818



61.7123, 43.0685, 82.2051



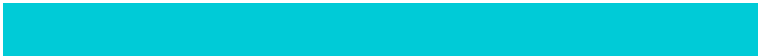
51.8972, 43.0685, 11.9176

Rectangle

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



25.4393, 43.0685, 23.4953



24.4971, 43.0685, 71.0530



61.7123, 43.0685, 82.2051



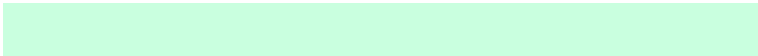
63.4509, 43.0685, 28.9454

Sweetspot

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



25.4404, 43.0702, 23.4963



73.2911, 89.3290, 83.2084



32.6375, 47.0505, 11.6367



15.1703, 18.8674, 17.1601



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.



25.4404, 43.0702, 23.4963



40.5035, 73.5221, 32.1679



31.0558, 45.3164, 53.0664



10.6716, 11.9575, 12.2207



14.1087, 26.6559, 9.5171



0.7037, 1.2764, 0.6385

Inverse Universe

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



30.1283, 17.3578, 27.7504



49.1597, 25.6855, 39.7574



26.4029, 15.8677, 8.1325



10.8952, 10.7415, 12.4315



17.3240, 8.6792, 12.1819



0.8554, 0.4250, 0.7619

Previews

White Background



This preview shows how the XYZ color 25.4393, 43.0685, 23.4953 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 25.4393, 43.0685, 23.4953 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 25.4393, 43.0685, 23.4953

Background



This preview shows how black text looks on a background with the XYZ color 25.4393, 43.0685, 23.4953.

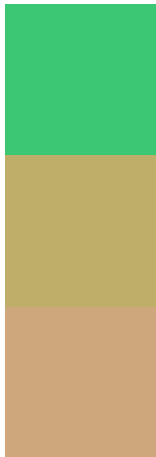


This preview shows how white text looks on a background with the XYZ color 25.4393, 43.0685,

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

25.4393, 43.0685, 23.4953

Protanopia

38.9728, 42.2599, 19.7386

Deuteranopia

43.1889, 42.3581, 24.9684



Tritanopia

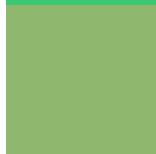
33.5103, 43.0301, 63.6662

Trichromacy



Original Color

25.4393, 43.0685, 23.4953



Protanomaly

31.0757, 40.8324, 20.9954



Deuteranomaly

32.8977, 40.4907, 24.1708



Tritanomaly

29.8246, 42.8240, 45.7237

Monochromacy



Original Color

25.4393, 43.0685, 23.4953



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.4651, 33.1280, 28.3447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4393, 43.0685, 23.4953 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(60, 199, 116)` looks like.

```
.text, #text, p{  
    color:rgb(60, 199, 116)  
}
```

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(60, 199, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 199, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.4393, 43.0685, 23.4953 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(60, 199, 116) }
```


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

```
.border{ border-color:rgb(60, 199, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 199, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 199, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 199, 116);  
box-shadow:4px 4px 4px 4px rgb(60, 199,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4393, 43.0685, 23.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 199, 116) }
```

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

```
.background{ background-color: rgb(60, 199,  
116) }
```

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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