

Converting Colors

XYZ(23.1542, 43.8103, 15.4195)

Have a look what the booklet for
XYZ(23.1542, 43.8103, 15.4195)
contains.

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Color

**XYZ(23.1542, 43.8103,
15.4195)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC53
RGB	0, 204, 83
RGB Percent	0%, 80%, 33%
CMY	1.0000, 0.2000, 0.6745
CMYK	1.00, 0.00, 0.59, 0.20
HSL	144°, 100%, 40%
HSV	144°, 100%, 80%
XYZ	23.1542, 43.8103, 15.4195
YIQ	129.2100, -82.7430, -80.8790

Conversions

Conversions Part 2

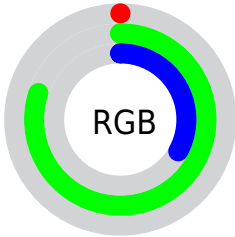
Format	Color
RYB	0, 145, 204
Decimal	52307
CIELab	72.10, -67.48, 47.65
CIELCh	72, 82.605, 144.770
Yxy	43.8103, 0.2811, 0.5318
Android (android.graphics.Color)	4278242387 (0xFF00CC53)
YUV	129.2100, -22.7815, -113.3172
Hunter-Lab	66.1893, -53.3889, 32.5203

Details

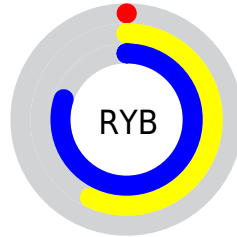
The XYZ color **23.1542, 43.8103, 15.4195** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **28.3544, 14.2186, 19.3408**, and the grayscale version is **21.0393, 22.1350, 24.1050**.

A 20% lighter version of the original color is **45.6834, 76.1224, 35.5779**, and **10.8117, 21.2685, 4.6978** is the 20% darker color. If you saturate the color by 10%, you get **23.1551, 43.8120, 15.4199**, and if you desaturate by 10%, it is **23.9608, 44.1686, 18.1138**.

Distribution



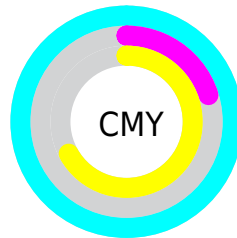
- Red (0%)
- Green (80%)
- Blue (33%)



- Red (0%)
- Yellow (57%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1542, 43.8103, 15.4195 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 23.1542, 43.8103, 15.4195 by changing the saturation by 10% instead.


 23.1542, 43.8103,
15.4195


 23.1542, 43.8103,
15.4195


261.0366,
361.9336, 237.6191


 14.8287, 30.5214,
8.9644


 48.1112, 80.9322,
36.3401


 8.7848, 20.2347,
4.6215


 65.4734, 105.5340,
51.6427


 4.6571, 12.5658,
1.9721


 86.5786, 134.6756,
70.7316

 2.0802, 7.1302,
0.5381

 111.7922,
168.7413, 94.0253

 0.6784, 3.5437,
0.0000

 141.4794,
208.1156, 121.9424

 0.0000, 1.4217,
0.0000

176.0056,

 0.0000, 0.2327,

253.1828, 154.9013

0.0000

215.7362,
304.3273, 193.3207

■ 0.0000, 0.0000,
0.0000

■ 23.1542, 43.8103,
15.4195

■ 23.1542, 43.8103,
15.4195

■ 23.1551, 43.8120,
15.4199

■ 23.9608, 44.1686,
18.1138

■ 25.1650, 44.7207,
21.2719

■ 26.8790, 45.5254,
24.9194

■ 29.1635, 46.6134,
29.0770

■ 32.0703, 48.0111,
33.7644

■ 35.6449, 49.7418,
39.0000

■ 39.9286, 51.8261,
44.8011

■ 44.9590, 54.2833,
51.1846

■ 50.7712, 57.1311,
58.1662

Harmonies

Analogous

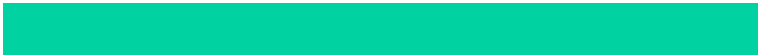
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.2613, 43.8103, 6.1880



23.1542, 43.8103, 15.4195



20.0185, 43.8103, 40.9540

Triad

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



23.1542, 43.8103, 15.4195



39.2122, 43.8103, 174.7470



71.5081, 43.8103, 21.9608

Complementary

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



23.1542, 43.8103, 15.4195



28.3544, 14.2186, 19.3408

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.



74.9859, 43.8103, 55.1532



23.1542, 43.8103, 15.4195



54.0947, 43.8103, 159.0002

Square

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



23.1542, 43.8103, 15.4195



27.8498, 43.8103, 143.6908



68.0145, 43.8103, 108.1506



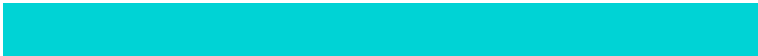
59.3649, 43.8103, 8.1896

Rectangle

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



23.1542, 43.8103, 15.4195



20.5040, 43.8103, 70.4201



68.0145, 43.8103, 108.1506



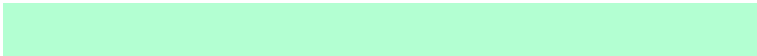
73.8303, 43.8103, 30.4852

Sweetspot

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



23.1553, 43.8121, 15.4205



65.8212, 85.6787, 73.7964



29.6771, 47.3546, 7.5763



13.4127, 18.0096, 14.8957



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.



23.1553, 43.8121, 15.4205



38.2460, 72.5144, 25.0109



30.2040, 46.6316, 52.5388



11.2541, 12.6114, 12.8953



14.6171, 27.5921, 9.9346



0.7914, 1.4384, 0.7092

Inverse Universe

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



28.3544, 14.2186, 19.3408



46.8463, 23.5025, 31.4525



25.0328, 12.8900, 1.8495



11.4869, 11.3235, 13.0984



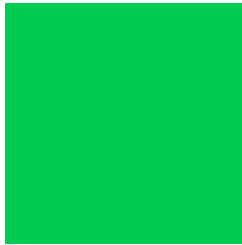
17.8929, 8.9678, 12.4208



0.9601, 0.4775, 0.8358

Previews

White Background



This preview shows how the XYZ color 23.1542, 43.8103, 15.4195 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 23.1542, 43.8103, 15.4195 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 23.1542, 43.8103, 15.4195

Background



This preview shows how black text looks on a background with the XYZ color 23.1542, 43.8103, 15.4195.



This preview shows how white text looks on a background with the XYZ color 23.1542, 43.8103,

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

23.1542, 43.8103, 15.4195

Protanopia

39.2670, 43.1472, 12.7372

Deuteranopia

43.8188, 42.8748, 16.3221



Tritanopia

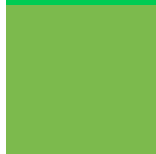
33.2866, 43.5159, 65.6765

Trichromacy



Original Color

23.1542, 43.8103, 15.4195



Protanomaly

27.2106, 39.9387, 13.2960



Deuteranomaly

28.4410, 38.6822, 15.4186



Tritanomaly

27.6777, 42.8186, 40.9885

Monochromacy



Original Color

23.1542, 43.8103, 15.4195



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

18.2928, 26.7406, 19.5266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1542, 43.8103, 15.4195 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(0, 204, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 83)  
}
```

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(0, 204, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 83) }
```

Border

The CSS property to change the border of an element to XYZ 23.1542, 43.8103, 15.4195 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(0, 204, 83) }
```


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

```
.border{ border-color:rgb(0, 204, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 23.1542, 43.8103, 15.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 83) }
```

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

```
.background{ background-color: rgb(0, 204,  
83) }
```

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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