

Converting Colors

XYZ(23.4739, 43.9381, 17.1028)

Have a look what the booklet for
XYZ(23.4739, 43.9381, 17.1028)
contains.

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Color

**XYZ(23.4812, 43.9411,
17.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC5B
RGB	0, 204, 91
RGB Percent	0%, 80%, 36%
CMY	1.0000, 0.2000, 0.6431
CMYK	1.00, 0.00, 0.55, 0.20
HSL	147°, 100%, 40%
HSV	147°, 100%, 80%
XYZ	23.4812, 43.9411, 17.1414
YIQ	130.1220, -85.3110, -78.3910

Conversions

Conversions Part 2

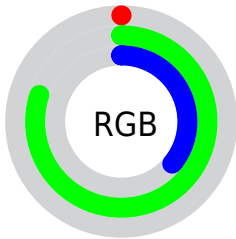
Format	Color
RYB	0, 141, 204
Decimal	52315
CIELab	72.19, -66.39, 44.06
CIELCh	72, 79.679, 146.431
Yxy	43.9411, 0.2777, 0.5196
Android (android.graphics.Color)	4278242395 (0xFF00CC5B)
YUV	130.1220, -19.2871, -114.1170
Hunter-Lab	66.2881, -52.7742, 31.0699

Details

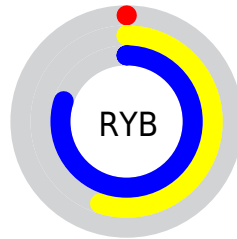
The XYZ color **23.4812, 43.9411, 17.1414** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **27.8840, 14.0305, 16.8636**, and the grayscale version is **21.3505, 22.4624, 24.4616**.

A 20% lighter version of the original color is **46.2735, 76.3584, 38.6853**, and **10.9561, 21.3263, 5.4584** is the 20% darker color. If you saturate the color by 10%, you get **23.4820, 43.9428, 17.1415**, and if you desaturate by 10%, it is **24.3039, 44.3058, 19.9204**.

Distribution



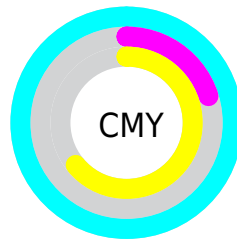
- Red (0%)
- Green (80%)
- Blue (36%)



- Red (0%)
- Yellow (55%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4812, 43.9411, 17.1414 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 23.4812, 43.9411, 17.1414 by changing the saturation by 10% instead.

■ 23.4812, 43.9411,
17.1414

■ 23.4812, 43.9411,
17.1414

262.6764,
362.4679, 248.0574

■ 15.0719, 30.6242,
10.1723

■ 48.6431, 81.1291,
39.3627

■ 8.9565, 20.3129,
5.4063

■ 66.1264, 105.7690,
55.4520

■ 4.7697, 12.6227,
2.4247

■ 87.3651, 134.9520,
75.4185

■ 2.1461, 7.1692,
0.7998

■ 112.7245,
169.0626, 99.6807

■ 0.7141, 3.5682,
0.0000

■ 142.5700,
208.4850, 128.6572

■ 0.0000, 1.4351,
0.0000

177.2669,

■ 0.0000, 0.2423,

253.6038, 162.7664

0.0000

217.1806,
304.8033, 202.4270

■ 0.0000, 0.0000,
0.0000

■ 23.4812, 43.9411,
17.1414

■ 23.4812, 43.9411,
17.1414

■ 23.4820, 43.9428,
17.1415

■ 24.3039, 44.3058,
19.9204

■ 25.5153, 44.8608,
23.1159

■ 27.2266, 45.6644,
26.7492

■ 29.4980, 46.7472,
30.8374

■ 32.3804, 48.1352,
35.3965

■ 35.9190, 49.8514,
40.4417

■ 40.1542, 51.9164,
45.9874

■ 45.1233, 54.3491,
52.0473

■ 50.8607, 57.1669,
58.6346

Harmonies

Analogous

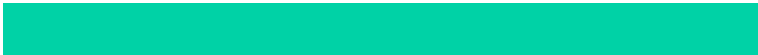
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.1314, 43.9411, 7.1530



23.4812, 43.9411, 17.1414



20.6538, 43.9411, 43.3128

Triad

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



23.4812, 43.9411, 17.1414



40.1509, 43.9411, 169.0215



69.9732, 43.9411, 21.5669

Complementary

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



23.4812, 43.9411, 17.1414



27.8840, 14.0305, 16.8636

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.



73.8430, 43.9411, 52.6815



23.4812, 43.9411, 17.1414



54.5794, 43.9411, 151.7478

Square

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



23.4812, 43.9411, 17.1414



28.8607, 43.9411, 141.8621



67.6920, 43.9411, 102.6497



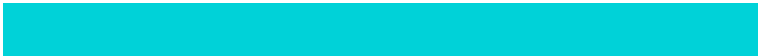
58.0350, 43.9411, 8.5548

Rectangle

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



23.4812, 43.9411, 17.1414



21.2993, 43.9411, 72.4288



67.6920, 43.9411, 102.6497



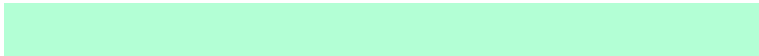
72.3594, 43.9411, 29.5670

Sweetspot

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



23.4823, 43.9429, 17.1424



66.1976, 85.8293, 75.7786



28.7438, 46.8735, 7.5327



13.5011, 18.0450, 15.3612



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.



23.4823, 43.9429, 17.1424



38.7829, 72.7291, 27.8382



30.9323, 46.9229, 56.3737



11.2725, 12.6188, 12.9925



14.8247, 27.6752, 11.0277



0.8028, 1.4429, 0.7691

Inverse Universe

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



27.8840, 14.0305, 16.8636



46.0666, 23.1906, 27.3464



24.9795, 12.8687, 1.5690



11.4681, 11.3160, 12.9994



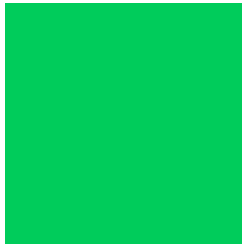
17.5972, 8.8495, 10.8634



0.9457, 0.4717, 0.7598

Previews

White Background



This preview shows how the XYZ color 23.4812, 43.9411, 17.1414 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 23.4812, 43.9411, 17.1414 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 23.4812, 43.9411, 17.1414

Background



This preview shows how black text looks on a background with the XYZ color 23.4812, 43.9411, 17.1414.



This preview shows how white text looks on a background with the XYZ color 23.4812, 43.9411,

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

23.4812, 43.9411, 17.1414

Protanopia

39.5540, 43.2620, 14.2483

Deuteranopia

43.8992, 42.8732, 18.2735



Tritanopia

33.4204, 43.9097, 65.7455

Trichromacy



Original Color

23.4812, 43.9411, 17.1414



Protanomaly

27.5108, 40.0588, 14.8765



Deuteranomaly

28.6323, 38.7398, 17.2777



Tritanomaly

27.8967, 42.9003, 42.4076

Monochromacy



Original Color

23.4812, 43.9411, 17.1414



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

18.7766, 27.2139, 20.7862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4812, 43.9411, 17.1414 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 91) }
```

Border

The CSS property to change the border of an element to XYZ 23.4812, 43.9411, 17.1414 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, 91) }
```


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

```
.border{ border-color:rgb(0, 204, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 91)  
}
```

Background

The CSS property to change the background color of an element to XYZ 23.4812, 43.9411, 17.1414 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, 91) }
```

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

```
.background{ background-color: rgb(0, 204,  
91) }
```

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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