

Converting Colors

XYZ(13.0414, 34.9013, 26.0090)

Have a look what the booklet for
XYZ(13.0414, 34.9013, 26.0090)
contains.

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Color

**XYZ(23.1226, 40.1159,
26.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	00C27F
RGB	0, 194, 127
RGB Percent	0%, 76%, 50%
CMY	0.9999, 0.2392, 0.5020
CMYK	1.00, 0.00, 0.35, 0.24
HSL	159°, 100%, 38%
HSV	159°, 100%, 76%
XYZ	23.1226, 40.1159, 26.6031
YIQ	128.3560, -94.1170, -61.9650

Conversions

Conversions Part 2

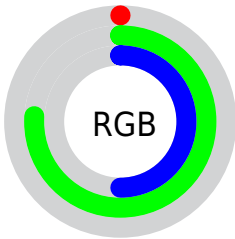
Format	Color
RYB	0, 117, 194
Decimal	49791
CIELab	69.55, -56.63, 22.47
CIELCh	70, 60.924, 158.356
Yxy	40.1159, 0.2574, 0.4465
Android (android.graphics.Color)	4278239871 (0xFF00C27F)
YUV	128.3560, -0.6685, -112.5682
Hunter-Lab	63.3371, -45.6746, 19.4328

Details

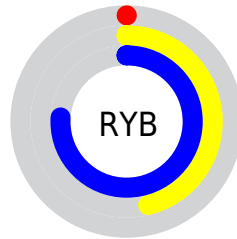
The XYZ color **23.1226, 40.1159, 26.6031** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.2630, 11.8757, 6.3798**, and the grayscale version is **20.6698, 21.7463, 23.6817**.

A 20% lighter version of the original color is **48.1942, 75.5687, 55.2261**, and **10.5722, 19.0011, 10.1315** is the 20% darker color. If you saturate the color by 10%, you get **23.1229, 40.1172, 26.6016**, and if you desaturate by 10%, it is **23.8517, 40.4407, 28.9944**.

Distribution



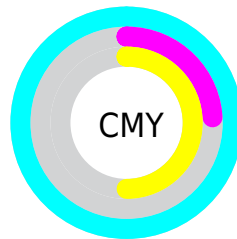
- Red (0%)
- Green (76%)
- Blue (50%)



- Red (0%)
- Yellow (46%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1226, 40.1159, 26.6031 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 23.1226, 40.1159, 26.6031 by changing the saturation by 10% instead.


 23.1226, 40.1159,
26.6031


 23.1226, 40.1159,
26.6031


260.8777,
346.6118, 299.4294


 14.8053, 27.6289,
17.0456


 48.0597, 75.3400,
55.2423


 8.7682, 18.0461,
10.1047


 65.4102, 98.8458,
75.1610


 4.6462, 10.9831,
5.3619


 86.5025, 126.7935,
99.3706

 2.0738, 6.0555,
2.3987

 111.7019,
159.5673, 128.2895

 0.6749, 2.8788,
0.7857

 141.3737,
197.5516, 162.3362

 0.0000, 1.0688,
0.0000

175.8834,

 0.0000, 0.0000,

241.1309, 201.9295

0.0000

215.5963,
290.6895, 247.4877

■ 23.1226, 40.1159,
26.6031

■ 23.1226, 40.1159,
26.6031

■ 23.1229, 40.1172,
26.6016

■ 23.8517, 40.4407,
28.9944

■ 24.8859, 40.9182,
31.5536

■ 26.3250, 41.6011,
34.2891

■ 28.2200, 42.5154,
37.2058

■ 30.6142, 43.6834,
40.3085

■ 33.5455, 45.1247,
43.6015

■ 37.0481, 46.8568,
47.0889

■ 41.1534, 48.8958,
50.7747

■ 45.8902, 51.2566,
54.6625

Harmonies

Analogous

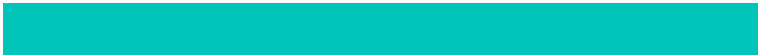
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.5630, 40.1159, 13.4998



23.1226, 40.1159, 26.6031



22.3211, 40.1159, 52.0258

Triad

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



23.1226, 40.1159, 26.6031



40.9416, 40.1159, 122.0916



54.9514, 40.1159, 17.9665

Complementary

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



23.1226, 40.1159, 26.6031



23.2630, 11.8757, 6.3798

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.



60.0495, 40.1159, 36.2771



23.1226, 40.1159, 26.6031



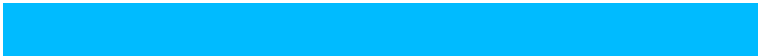
51.0994, 40.1159, 101.3523

Square

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



23.1226, 40.1159, 26.6031



31.5745, 40.1159, 115.7714



58.5303, 40.1159, 66.8383



45.5329, 40.1159, 10.2143

Rectangle

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



23.1226, 40.1159, 26.6031



23.7989, 40.1159, 74.7570



58.5303, 40.1159, 66.8383



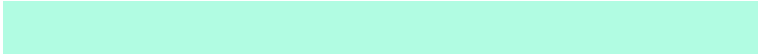
57.2949, 40.1159, 22.6869

Sweetspot

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



23.1236, 40.1175, 26.6040



66.7860, 84.7245, 84.9947



21.6706, 39.8109, 6.5427



14.0041, 18.2462, 18.0099



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.



23.1236, 40.1175, 26.6040



41.7666, 72.6297, 47.5363



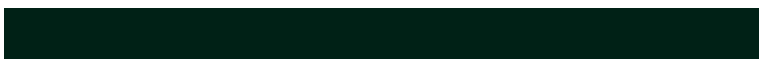
23.1764, 30.7716, 55.7588



10.2160, 11.3674, 12.1405



15.2419, 26.3908, 17.6988



0.6900, 1.1528, 0.9301

Inverse Universe

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



23.2630, 11.8757, 6.3798



42.0364, 21.4709, 10.9876



22.6913, 12.3543, 1.1893



10.2136, 10.1340, 11.2154



15.3289, 7.8213, 4.3778



0.6951, 0.3510, 0.3616

Previews

White Background



This preview shows how the XYZ color 23.1226, 40.1159, 26.6031 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 23.1226, 40.1159, 26.6031 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 23.1226, 40.1159, 26.6031

Background



This preview shows how black text looks on a background with the XYZ color 23.1226, 40.1159, 26.6031.



This preview shows how white text looks on a background with the XYZ color 23.1226, 40.1159,

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

23.1226, 40.1159, 26.6031

Protanopia

36.4464, 39.2113, 22.1706

Deuteranopia

40.2494, 39.4322, 28.0441



Tritanopia

30.1582, 40.0970, 60.7936

Trichromacy



Original Color

23.1226, 40.1159, 26.6031



Protanomaly

26.3148, 36.5134, 23.4301



Deuteranomaly

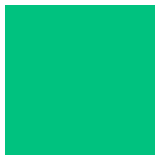
27.6902, 36.2708, 27.0143



Tritanomaly

26.5223, 39.4972, 45.7610

Monochromacy



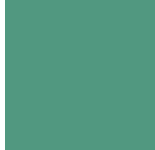
Original Color

23.1226, 40.1159, 26.6031



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

18.5179, 25.7643, 24.4191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1226, 40.1159, 26.6031 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, 194, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 127)  
}
```

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, 194, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 127) }
```

Border

The CSS property to change the border of an element to XYZ 23.1226, 40.1159, 26.6031 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, 194, 127) }
```


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

```
.border{ border-color:rgb(0, 194, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1226, 40.1159, 26.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 127) }
```

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

```
.background{ background-color: rgb(0, 194,  
127) }
```

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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