

Converting Colors

XYZ(26.3901, 46.9130, 26.3676)

Have a look what the booklet for
XYZ(26.3901, 46.9130, 26.3676)
contains.

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Color

**XYZ(26.4883, 47.0891,
26.4319)**

Conversions

Conversions Part 1

Format	Color
Hex	09D17B
RGB	9, 209, 123
RGB Percent	4%, 82%, 48%
CMY	0.9646, 0.1804, 0.5176
CMYK	0.96, 0.00, 0.41, 0.18
HSL	154°, 92%, 43%
HSV	154°, 96%, 82%
XYZ	26.4883, 47.0891, 26.4319
YIQ	139.3960, -91.5940, -69.1460

Conversions

Conversions Part 2

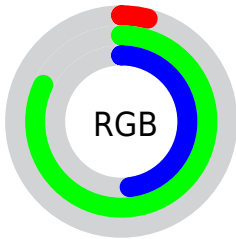
Format	Color
RYB	9, 136, 209
Decimal	643451
CIELab	74.25, -62.40, 30.83
CIELCh	74, 69.603, 153.704
Yxy	47.0891, 0.2649, 0.4708
Android (android.graphics.Color)	4278833531 (0xFF09D17B)
YUV	139.3960, -8.0832, -114.3573
Hunter-Lab	68.6215, -51.1856, 25.1975

Details

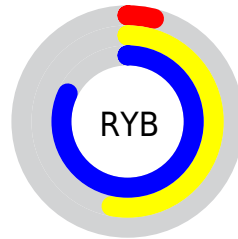
The XYZ color **26.4883, 47.0891, 26.4319** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **28.4597, 14.5781, 12.1446**, and the grayscale version is **24.7515, 26.0405, 28.3581**.

A 20% lighter version of the original color is **49.3054, 77.5976, 53.4535**, and **12.5938, 23.2635, 10.1299** is the 20% darker color. If you saturate the color by 10%, you get **26.1386, 46.9376, 25.1743**, and if you desaturate by 10%, it is **27.4985, 47.5431, 29.5537**.

Distribution



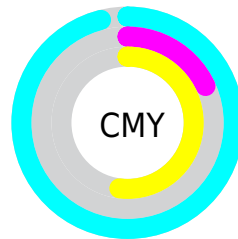
- Red (4%)
- Green (82%)
- Blue (48%)



- Red (4%)
- Yellow (53%)
- Blue (82%)



- Cyan (96%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (96%)
- Magenta (18%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4883, 47.0891, 26.4319 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 26.4883, 47.0891, 26.4319 by changing the saturation by 10% instead.

■ 26.4883, 47.0891,
26.4319

■ 26.4883, 47.0891,
26.4319

277.3839,
375.1701, 298.5685

■ 17.3239, 33.1061,
16.9184

■ 53.4874, 85.8466,
54.9635

■ 10.5624, 22.2077,
10.0150

■ 72.0527, 111.3899,
74.8187

■ 5.8385, 14.0096,
5.3031

■ 94.4824, 141.5554,
98.9581

■ 2.7869, 8.1274,
2.3644

■ 121.1419,
176.7275, 127.8004

■ 1.0421, 4.1765,
0.7669

■ 152.3964,
217.2907, 161.7640

■ 0.0000, 1.7728,
0.0000

188.6113,

■ 0.0000, 0.4701,

263.6292, 201.2675

0.0000

230.1520,
316.1275, 246.7295

■ 0.0000, 0.0000,
0.0000

■ 26.4883, 47.0891,
26.4319

■ 26.4883, 47.0891,
26.4319

■ 26.1386, 46.9376,
25.1743

■ 27.4985, 47.5431,
29.5537

■ 28.9635, 48.2242,
32.9724

■ 30.9551, 49.1705,
36.6991

■ 33.5310, 50.4116,
40.7430

■ 36.7407, 51.9729,
45.1126

■ 40.6285, 53.8770,
49.8161

■ 45.2344, 56.1445,
54.8612

■ 50.5951, 58.7942,
60.2554

■ 56.7449, 61.8437,
66.0058

Harmonies

Analogous

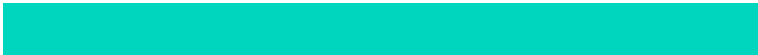
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.7051, 47.0891, 12.6904



26.4883, 47.0891, 26.4319



24.8080, 47.0891, 55.8467

Triad

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



26.4883, 47.0891, 26.4319



46.3268, 47.0891, 155.1451



67.8663, 47.0891, 21.7846

Complementary

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



26.4883, 47.0891, 26.4319



28.4597, 14.5781, 12.1446

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.



73.2673, 47.0891, 46.9543



26.4883, 47.0891, 26.4319



59.4558, 47.0891, 132.4565

Square

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



26.4883, 47.0891, 26.4319



34.9348, 47.0891, 141.0028



69.9355, 47.0891, 88.1932



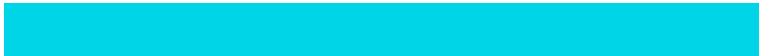
56.2660, 47.0891, 11.0175

Rectangle

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



26.4883, 47.0891, 26.4319



26.1659, 47.0891, 84.2052



69.9355, 47.0891, 88.1932



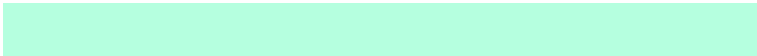
70.5558, 47.0891, 28.2873

Sweetspot

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



26.4895, 47.0910, 26.4330



68.1739, 86.6883, 83.0921



27.6408, 48.0918, 8.0847



13.9337, 18.2309, 17.0585



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.



26.4895, 47.0910, 26.4330



40.8972, 73.5749, 38.9721



31.2878, 43.9935, 67.1665



11.9346, 13.3176, 14.0118



16.1660, 28.9593, 15.7860



0.9433, 1.6350, 1.0899

Inverse Universe

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



28.4597, 14.5781, 12.1446



44.0359, 22.3784, 16.6531



26.6385, 14.1628, 1.5886



12.0168, 11.8914, 13.3640



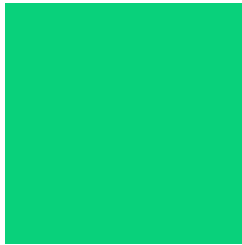
17.3944, 8.8306, 6.9829



1.0120, 0.5095, 0.5980

Previews

White Background



This preview shows how the XYZ color 26.4883, 47.0891, 26.4319 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 26.4883, 47.0891, 26.4319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

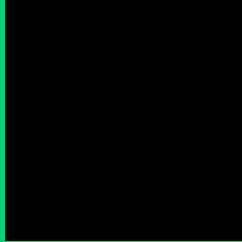
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4883, 47.0891, 26.4319

Background



This preview shows how black text looks on a background with the XYZ color 26.4883, 47.0891, 26.4319.

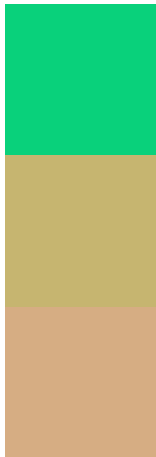


This preview shows how white text looks on a background with the XYZ color 26.4883, 47.0891,

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

26.4883, 47.0891, 26.4319

Protanopia

42.7372, 46.2234, 21.9987

Deuteranopia

46.7719, 45.8220, 27.8521



Tritanopia

35.3922, 46.8210, 70.7903

Trichromacy



Original Color

26.4883, 47.0891, 26.4319



Protanomaly

30.8364, 43.1897, 23.2342



Deuteranomaly

32.1026, 42.1653, 26.8688



Tritanomaly

30.8772, 46.3073, 51.0269

Monochromacy



Original Color

26.4883, 47.0891, 26.4319



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

21.9227, 30.5197, 26.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4883, 47.0891, 26.4319 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(9, 209, 123)` looks like.

```
.text, #text, p{  
    color:rgb(9, 209, 123)  
}
```

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(9, 209, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 209, 123) }
```

Border

The CSS property to change the border of an element to XYZ 26.4883, 47.0891, 26.4319 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(9, 209, 123) }
```


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

```
.border{ border-color:rgb(9, 209, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 209, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 209, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 209, 123);  
box-shadow:4px 4px 4px 4px rgb(9, 209,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4883, 47.0891, 26.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 209, 123) }
```

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

```
.background{ background-color: rgb(9, 209,  
123) }
```

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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