

Converting Colors

XYZ(26.3988, 47.1143, 24.9286)

Have a look what the booklet for
XYZ(26.3988, 47.1143, 24.9286)
contains.

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Color

**XYZ(26.3590, 47.0577,
24.8333)**

Conversions

Conversions Part 1

Format	Color
Hex	14D176
RGB	20, 209, 118
RGB Percent	8%, 82%, 46%
CMY	0.9215, 0.1804, 0.5372
CMYK	0.90, 0.00, 0.44, 0.18
HSL	151°, 83%, 45%
HSV	151°, 90%, 82%
XYZ	26.3590, 47.0577, 24.8333
YIQ	142.1150, -83.4330, -68.3690

Conversions

Conversions Part 2

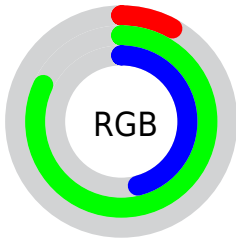
Format	Color
R_{YB}	20, 144, 209
Decimal	1364342
CIE _{Lab}	74.23, -62.85, 33.37
CIE _{LCh}	74, 71.155, 152.034
Yxy	47.0577, 0.2683, 0.4790
Android (android.graphics.Color)	4279554422 (0xFF14D176)
YUV	142.1150, -11.8887, -107.0949
Hunter-Lab	68.5986, -51.4590, 26.5555

Details

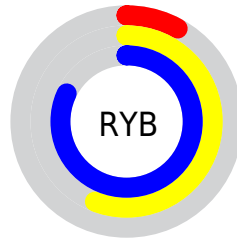
The XYZ color **26.3590, 47.0577, 24.8333** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **29.4157, 15.2044, 16.4263**, and the grayscale version is **25.8277, 27.1728, 29.5911**.

A 20% lighter version of the original color is **49.1741, 77.5861, 50.9119**, and **12.4346, 23.1998, 9.2915** is the 20% darker color. If you saturate the color by 10%, you get **25.5278, 46.6933, 21.9575**, and if you desaturate by 10%, it is **27.6128, 47.6325, 28.1835**.

Distribution



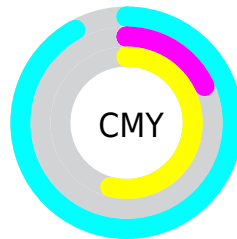
- Red (8%)
- Green (82%)
- Blue (46%)



- Red (8%)
- Yellow (56%)
- Blue (82%)



- Cyan (90%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)



- Cyan (92%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3590, 47.0577, 24.8333 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 26.3590, 47.0577, 24.8333 by changing the saturation by 10% instead.

■ 26.3590, 47.0577,
24.8333

■ 26.3590, 47.0577,
24.8333

276.7645,
375.0448, 290.4278

■ 17.2265, 33.0813,
15.7350

■ 53.2807, 85.7997,
52.3474

■ 10.4924, 22.1887,
9.1845

■ 71.8006, 111.3341,
71.6003

■ 5.7914, 13.9956,
4.7633

■ 94.1804, 141.4900,
95.0752

■ 2.7581, 8.1176,
2.0528

■ 120.7854,
176.6517, 123.1906

■ 1.0272, 4.1703,
0.5874

■ 151.9809,
217.2036, 156.3650

■ 0.0000, 1.7693,
0.0000

188.1324,

■ 0.0000, 0.4679,

263.5302, 195.0169

0.0000

229.6051,
316.0158, 239.5650

■ 0.0000, 0.0000,
0.0000

■ 26.3590, 47.0577,
24.8333

■ 26.3590, 47.0577,
24.8333

■ 25.5278, 46.6933,
21.9575


■ 27.6128, 47.6325,
28.1835


■ 29.3729, 48.4594,
31.8995


■ 31.7037, 49.5728,
35.9947


■ 34.6589, 51.0000,
40.4810

■ 38.2854, 52.7651,
45.3692

 42.6255, 54.8897,
50.6700

 47.7181, 57.3936,
56.3933

 53.5989, 60.2951,
62.5488

 60.3014, 63.6113,
69.1458

Harmonies

Analogous

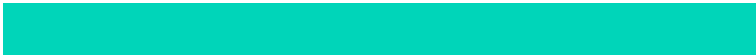
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.9279, 47.0577, 11.7589



26.3590, 47.0577, 24.8333



24.4051, 47.0577, 53.7742

Triad

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



26.3590, 47.0577, 24.8333



45.6040, 47.0577, 158.5155



68.9335, 47.0577, 22.2606

Complementary

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



26.3590, 47.0577, 24.8333



29.4157, 15.2044, 16.4263

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.



74.0207, 47.0577, 48.7825



26.3590, 47.0577, 24.8333



59.0534, 47.0577, 136.9396

Square

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



26.3590, 47.0577, 24.8333



34.1739, 47.0577, 141.8023



70.1027, 47.0577, 91.7868



57.2555, 47.0577, 10.8480

Rectangle

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



26.3590, 47.0577, 24.8333



25.6115, 47.0577, 82.4000



70.1027, 47.0577, 91.7868



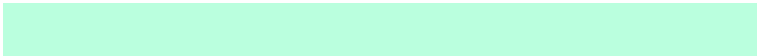
71.5614, 47.0577, 29.1282

Sweetspot

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



26.3602, 47.0596, 24.8344



69.2107, 87.2437, 82.1928



29.5282, 49.0559, 8.5747



14.2557, 18.3997, 16.9470



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.



26.3602, 47.0596, 24.8344



39.9397, 73.1919, 33.9301



33.8339, 48.8247, 67.9648



11.9086, 13.3072, 13.8750



15.7892, 28.8086, 13.8017



0.9228, 1.6268, 0.9824

Inverse Universe

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



29.4157, 15.2044, 16.4263



44.8016, 22.6846, 20.6850



26.7314, 14.2255, 1.9991



12.0424, 11.9017, 13.4993



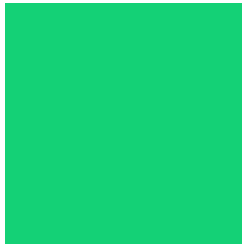
17.6990, 8.9524, 8.5870



1.0296, 0.5166, 0.6908

Previews

White Background



This preview shows how the XYZ color 26.3590, 47.0577, 24.8333 looks on a white background.

Color Contrast Check

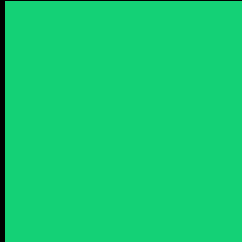
Large Text (above 18pt) WCAG AA × Fail

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 26.3590, 47.0577, 24.8333 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 26.3590, 47.0577, 24.8333

Background



This preview shows how black text looks on a background with the XYZ color 26.3590, 47.0577, 24.8333.



This preview shows how white text looks on a background with the XYZ color 26.3590, 47.0577,

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

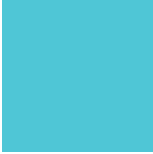
26.3590, 47.0577, 24.8333

Protanopia

42.4664, 46.1151, 20.5728

Deuteranopia

46.7987, 45.8665, 26.4652



Tritanopia

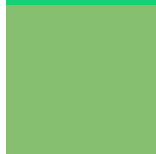
35.5561, 46.9055, 70.7980

Trichromacy



Original Color

26.3590, 47.0577, 24.8333



Protanomaly

31.1729, 43.3958, 21.7722



Deuteranomaly

32.6986, 42.5023, 25.5492



Tritanomaly

31.0021, 46.3953, 49.9690

Monochromacy



Original Color

26.3590, 47.0577, 24.8333



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

22.9069, 31.5626, 27.0752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3590, 47.0577, 24.8333 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(20, 209, 118)` looks like.

```
.text, #text, p{  
    color:rgb(20, 209, 118)  
}
```

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(20, 209, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 209, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.3590, 47.0577, 24.8333 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(20, 209, 118) }
```


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

```
.border{ border-color:rgb(20, 209, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 209, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 209, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 209, 118);  
box-shadow:4px 4px 4px 4px rgb(20, 209,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3590, 47.0577, 24.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 209, 118) }
```

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

```
.background{ background-color: rgb(20, 209,  
118) }
```

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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