

Converting Colors

XYZ(24.0111, 45.2073, 27.8914)

Have a look what the booklet for
XYZ(24.0111, 45.2073, 27.8914)
contains.

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Color

**XYZ(26.2091, 46.1842,
27.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	00CF80
RGB	0, 207, 128
RGB Percent	0%, 81%, 50%
CMY	0.9999, 0.1882, 0.4980
CMYK	1.00, 0.00, 0.38, 0.19
HSL	157°, 100%, 41%
HSV	157°, 100%, 81%
XYZ	26.2091, 46.1842, 27.9551
YIQ	136.1010, -98.0130, -68.4530

Conversions

Conversions Part 2

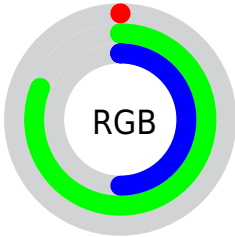
Format	Color
RYB	0, 128, 207
Decimal	53120
CIELab	73.66, -61.04, 27.48
CIELCh	74, 66.944, 155.765
Yxy	46.1842, 0.2612, 0.4602
Android (android.graphics.Color)	4278243200 (0xFF00CF80)
YUV	136.1010, -3.9938, -119.3606
Hunter-Lab	67.9590, -50.0877, 23.1822

Details

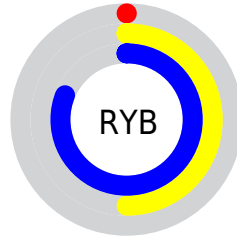
The XYZ color **26.2091, 46.1842, 27.9551** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **27.1452, 13.8310, 8.6392**, and the grayscale version is **23.4827, 24.7056, 26.9044**.

A 20% lighter version of the original color is **49.5800, 77.6810, 56.0969**, and **12.4418, 22.6833, 10.9303** is the 20% darker color. If you saturate the color by 10%, you get **26.2097, 46.1858, 27.9542**, and if you desaturate by 10%, it is **27.0540, 46.5585, 30.8172**.

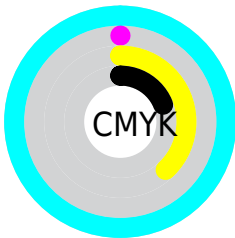
Distribution



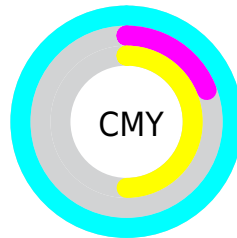
- Red (0%)
- Green (81%)
- Blue (50%)



- Red (0%)
- Yellow (50%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (19%)





- Cyan (100%)
- Magenta (19%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2091, 46.1842, 27.9551 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 26.2091, 46.1842, 27.9551 by changing the saturation by 10% instead.


 26.2091, 46.1842,
27.9551


 26.2091, 46.1842,
27.9551


276.0449,
371.5487, 306.1575


 17.1136, 32.3912,
18.0531


 53.0410, 84.4946,
57.4350


 10.4114, 21.6605,
10.8183


 71.5081, 109.7808,
77.8499


 5.7369, 13.6076,
5.8321


 93.8298, 139.6668,
102.6062

 2.7249, 7.8483,
2.6761

 120.3715,
174.5371, 132.1225

 1.0100, 3.9980,
0.9314

 151.4985,
214.7761, 166.8172

 0.0000, 1.6725,
0.0000

187.5762,

 0.0000, 0.4057,

260.7681, 207.1089

0.0000

228.9699,
312.8975, 253.4162

■ 0.0000, 0.0000,
0.0000

■ 26.2091, 46.1842,
27.9551

■ 26.2091, 46.1842,
27.9551

■ 26.2097, 46.1858,
27.9542

■ 27.0540, 46.5585,
30.8172

■ 28.2638, 47.1150,
33.9113

■ 29.9509, 47.9126,
37.2484

■ 32.1754, 48.9823,
40.8355

■ 34.9885, 50.3503,
44.6793

■ 38.4351, 52.0398,
48.7859

■ 42.5554, 54.0713,
53.1614

■ 47.3864, 56.4638,
57.8113

■ 52.9621, 59.2349,
62.7410

Harmonies

Analogous

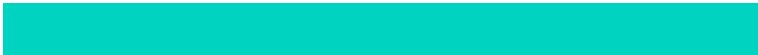
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.8692, 46.1842, 13.7228



26.2091, 46.1842, 27.9551



24.8883, 46.1842, 57.1378

Triad

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



26.2091, 46.1842, 27.9551



46.2279, 46.1842, 147.3078



65.1287, 46.1842, 20.9539

Complementary

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



26.2091, 46.1842, 27.9551



27.1452, 13.8310, 8.6392

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.



70.7274, 46.1842, 44.0065



26.2091, 46.1842, 27.9551



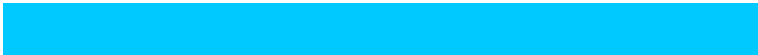
58.6234, 46.1842, 124.1014

Square

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



26.2091, 46.1842, 27.9551



35.1834, 46.1842, 136.4738



68.1548, 46.1842, 82.1515



53.9415, 46.1842, 11.1432

Rectangle

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



26.2091, 46.1842, 27.9551



26.3919, 46.1842, 84.3628



68.1548, 46.1842, 82.1515



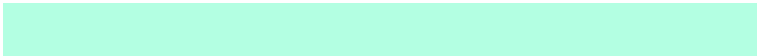
67.8104, 46.1842, 26.9004

Sweetspot

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



26.2103, 46.1860, 27.9562



67.9354, 86.5244, 84.9296



25.5683, 46.3052, 7.5906



13.9126, 18.2096, 17.5281



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.



26.2103, 46.1860, 27.9562



41.9035, 73.9774, 44.2714



28.1667, 38.3124, 64.9443



11.9591, 13.3274, 14.1412



16.5601, 29.1170, 17.8613



0.9640, 1.6433, 1.1990

Inverse Universe

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



27.1452, 13.8310, 8.6392



43.4129, 22.1292, 13.3723



26.0632, 13.9260, 1.3147



11.9928, 11.8818, 13.2378



17.1445, 8.7306, 5.6672



0.9969, 0.5035, 0.5183

Previews

White Background



This preview shows how the XYZ color 26.2091, 46.1842, 27.9551 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 26.2091, 46.1842, 27.9551 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

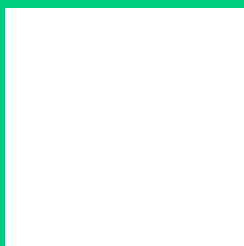
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2091, 46.1842, 27.9551

Background



This preview shows how black text looks on a background with the XYZ color 26.2091, 46.1842, 27.9551.



This preview shows how white text looks on a background with the XYZ color 26.2091, 46.1842,

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

26.2091, 46.1842, 27.9551

Protanopia

41.8367, 45.1267, 23.3349

Deuteranopia

46.0604, 45.1315, 29.5762



Tritanopia

34.8005, 46.1924, 70.0326

Trichromacy



Original Color

26.2091, 46.1842, 27.9551



Protanomaly

29.9610, 42.0608, 24.6286



Deuteranomaly

31.4141, 41.4597, 28.5371



Tritanomaly

30.5024, 45.7550, 51.4799

Monochromacy



Original Color

26.2091, 46.1842, 27.9551



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

21.0844, 29.5604, 26.7848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2091, 46.1842, 27.9551 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, 207, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 128)  
}
```

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, 207, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.2091, 46.1842, 27.9551 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, 207, 128) }
```


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

```
.border{ border-color:rgb(0, 207, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2091, 46.1842, 27.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 128) }
```

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

```
.background{ background-color: rgb(0, 207,  
128) }
```

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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