

Converting Colors

XYZ(26.9864, 53.6276, 9.6503)

Have a look what the booklet for
XYZ(26.9864, 53.6276, 9.6503)
contains.

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Color

**XYZ(26.8786, 53.4106,
9.6021)**

Conversions

Conversions Part 1

Format	Color
Hex	07E015
RGB	7, 224, 21
RGB Percent	3%, 88%, 8%
CMY	0.9726, 0.1216, 0.9176
CMYK	0.97, 0.00, 0.91, 0.12
HSL	124°, 94%, 45%
HSV	124°, 97%, 88%
XYZ	26.8786, 53.4106, 9.6021
YIQ	135.9750, -64.1690, -109.1370

Conversions

Conversions Part 2

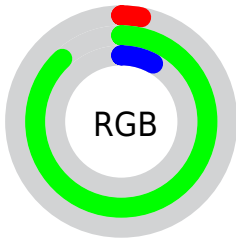
Format	Color
RYB	7, 211, 224
Decimal	516117
CIELab	78.12, -77.49, 73.25
CIELCh	78, 106.627, 136.610
Yxy	53.4106, 0.2990, 0.5942
Android (android.graphics.Color)	4278706197 (0xFF07E015)
YUV	135.9750, -56.6827, -113.1111
Hunter-Lab	73.0826, -62.2450, 43.3679

Details

The XYZ color **26.8786, 53.4106, 9.6021** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **42.4486, 20.6522, 62.7117**, and the grayscale version is **23.6168, 24.8467, 27.0580**.

A 20% lighter version of the original color is **44.3739, 75.7375, 22.4053**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.7392, 53.3465, 9.3200**, and if you desaturate by 10%, it is **27.5921, 53.7475, 11.1078**.

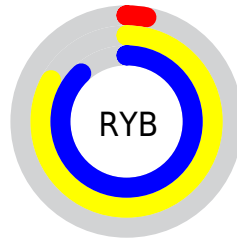
Distribution



Red (3%)

Green (88%)

Blue (8%)



Red (3%)

Yellow (83%)

Blue (88%)

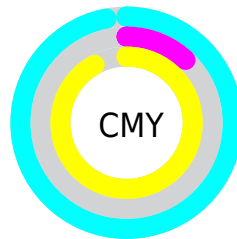


Cyan (97%)

Magenta (0%)

Yellow (91%)

Black (12%)



Cyan (97%)


Magenta (12%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8786, 53.4106, 9.6021 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 26.8786, 53.4106, 9.6021 by changing the saturation by 10% instead.


 26.8786, 53.4106,
9.6021


 26.8786, 53.4106,
9.6021


279.2471,
399.8584, 198.1886


 17.6182, 38.1307,
5.0338


 54.1103, 95.2083,
25.6404


 10.7742, 26.0841,
2.2080


 72.8122, 122.4948,
37.9474

 5.9814, 16.8866,
0.6790


 95.3921, 154.5523,
53.6711

 2.8743, 10.1537,
0.0000

 122.2152,
191.7652, 73.2301

 1.0877, 5.5010,
0.0000

 153.6469,
234.5179, 97.0427

 0.0148, 2.5441,
0.0000

 190.0525,

 0.0000, 0.8986,

283.1947, 125.5277

0.0000

231.7975,
338.1801, 159.1035

■ 0.0000, 0.0000,
0.0000

■ 26.8786, 53.4106,
9.6021

■ 26.8786, 53.4106,
9.6021

■ 26.7392, 53.3465,
9.3200

■ 27.5921, 53.7475,
11.1078

■ 28.9576, 54.3962,
13.6648

■ 31.0916, 55.4154,
17.4198

■ 34.0850, 56.8493,
22.4955

■ 38.0164, 58.7362,
28.9991

■ 42.9553, 61.1097,
37.0270

■ 48.9645, 64.0004,
46.6672

■ 56.1020, 67.4364,
58.0011

■ 64.4213, 71.4438,
71.1043

Harmonies

Analogous

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



40.1607, 53.4106, 2.9535



26.8786, 53.4106, 9.6021



20.9326, 53.4106, 35.4421

Triad

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



26.8786, 53.4106, 9.6021



42.0483, 53.4106, 256.1581



99.5962, 53.4106, 31.1544

Complementary

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



26.8786, 53.4106, 9.6021



42.4486, 20.6522, 62.7117

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.



100.5115, 53.4106, 88.9473



26.8786, 53.4106, 9.6021



63.0891, 53.4106, 251.7035

Square

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



26.8786, 53.4106, 9.6021



27.9332, 53.4106, 187.5757



85.7639, 53.4106, 177.8053



83.5272, 53.4106, 8.2952

Rectangle

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



26.8786, 53.4106, 9.6021



20.4805, 53.4106, 72.3751



85.7639, 53.4106, 177.8053



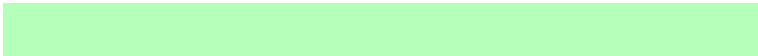
101.8132, 53.4106, 45.9314

Sweetspot

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



26.8798, 53.4128, 9.6033



63.6724, 84.8876, 59.3873



54.1802, 67.4979, 10.3738



12.8803, 17.8095, 11.5118



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.



26.8798, 53.4128, 9.6033



35.8571, 71.5588, 12.4314



30.5329, 54.8741, 28.8402



13.5645, 15.3515, 14.7420



15.5781, 31.0561, 5.5012



1.0926, 2.1578, 0.4488

Inverse Universe

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



42.4486, 20.6522, 62.7117



56.7501, 27.4640, 83.6048



33.3495, 17.0126, 14.7967



14.2548, 13.9195, 17.1119



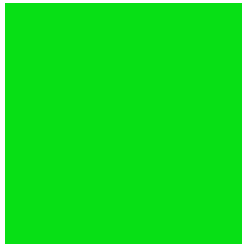
24.6468, 11.9257, 36.4015



1.7201, 0.8313, 2.5848

Previews

White Background



This preview shows how the XYZ color 26.8786, 53.4106, 9.6021 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 26.8786, 53.4106, 9.6021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

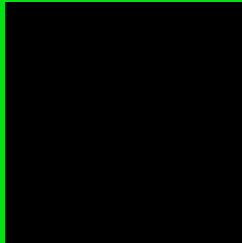
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

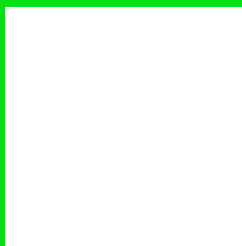
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8786, 53.4106, 9.6021

Background



This preview shows how black text looks on a background with the XYZ color 26.8786, 53.4106, 9.6021.



This preview shows how white text looks on a background with the XYZ color 26.8786, 53.4106,

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

26.8786, 53.4106, 9.6021

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

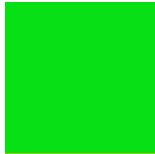
53.2830, 52.2291, 10.5217



Tritanopia

40.7626, 52.9277, 79.3018

Trichromacy



Original Color

26.8786, 53.4106, 9.6021



Protanomaly

32.4519, 48.7787, 7.9346



Deuteranomaly

33.8841, 47.0612, 9.3957



Tritanomaly

31.6191, 51.3516, 37.5235

Monochromacy



Original Color

26.8786, 53.4106, 9.6021



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.1428, 30.9373, 15.4995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8786, 53.4106, 9.6021 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(7, 224, 21)` looks like.

```
.text, #text, p{  
    color:rgb(7, 224, 21)  
}
```

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(7, 224, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 224, 21) }
```

Border

The CSS property to change the border of an element to XYZ 26.8786, 53.4106, 9.6021 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(7, 224, 21) }
```


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

```
.border{ border-color:rgb(7, 224, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 224, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 224, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 224, 21);  
box-shadow:4px 4px 4px 4px rgb(7, 224, 21)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8786, 53.4106, 9.6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 224, 21) }
```

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

```
.background{ background-color: rgb(7, 224,  
21) }
```

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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