

Converting Colors

XYZ(26.8027, 51.5172, 9.6329)

Have a look what the booklet for
XYZ(26.8027, 51.5172, 9.6329)
contains.

XYZ(26.7134, 51.3512, 9.6024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.7134, 51.3512,
9.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	2FDB1C
RGB	47, 219, 28
RGB Percent	18%, 86%, 11%
CMY	0.8157, 0.1412, 0.8901
CMYK	0.79, 0.00, 0.87, 0.14
HSL	114°, 77%, 48%
HSV	114°, 87%, 86%
XYZ	26.7134, 51.3512, 9.6024
YIQ	145.7980, -41.2010, -95.8650

Conversions

Conversions Part 2

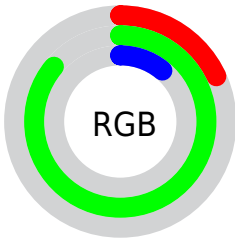
Format	Color
RYB	28, 219, 200
Decimal	3136284
CIELab	76.89, -72.88, 71.13
CIELCh	77, 101.838, 135.693
Yxy	51.3512, 0.3047, 0.5858
Android (android.graphics.Color)	4281326364 (0xFF2FDB1C)
YUV	145.7980, -58.0744, -86.6458
Hunter-Lab	71.6598, -58.8631, 42.2170

Details

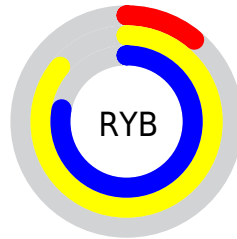
The XYZ color **26.7134, 51.3512, 9.6024** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **37.0259, 18.2273, 68.5873**, and the grayscale version is **27.4829, 28.9141, 31.4875**.

A 20% lighter version of the original color is **46.0926, 76.6132, 22.9482**, and **12.9203, 25.8407, 4.3068** is the 20% darker color. If you saturate the color by 10%, you get **25.8254, 50.9153, 8.6420**, and if you desaturate by 10%, it is **28.2022, 52.0782, 11.5734**.

Distribution



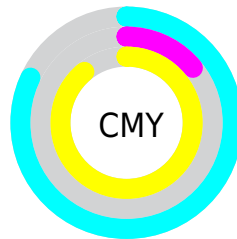
- Red (18%)
- Green (86%)
- Blue (11%)



- Red (11%)
- Yellow (86%)
- Blue (78%)



- Cyan (79%)
- Magenta (0%)
- Yellow (87%)
- Black (14%)





- Cyan (82%)
- Magenta (14%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7134, 51.3512, 9.6024 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 26.7134, 51.3512, 9.6024 by changing the saturation by 10% instead.


 26.7134, 51.3512,
9.6024


 26.7134, 51.3512,
9.6024


278.4597,
391.9267, 198.1909


 17.4936, 36.4882,
5.0340


 53.8468, 92.1737,
25.6409


 10.6845, 24.8115,
2.2081


 72.4910, 118.9020,
37.9482


 5.9208, 15.9366,
0.6791


 95.0074, 150.3541,
53.6721

 2.8372, 9.4793,
0.0000

 121.7614,
186.9145, 73.2312

 1.0683, 5.0551,
0.0000

 153.1182,
228.9676, 97.0441

 0.0000, 2.2796,
0.0000

 189.4433,

 0.0000, 0.7629,

276.8977, 125.5294

0.0000

231.1020,
331.0893, 159.1054

■ 0.0000, 0.0000,
0.0000

■ 26.7134, 51.3512,
9.6024

■ 26.7134, 51.3512,
9.6024

■ 25.8254, 50.9153,
8.6420

■ 28.2022, 52.0782,
11.5734

■ 25.6584, 50.8331,
8.4594

■ 30.3751, 53.1302,
14.7532

■ 33.3041, 54.5427,
19.2948

■ 37.0509, 56.3445,
25.3282

■ 41.6707, 58.5619,
32.9680

■ 47.2142, 61.2184,
42.3177

■ 53.7279, 64.3362,
53.4720

■ 61.2553, 67.9357,
66.5189

■ 69.8371, 72.0363,
81.5405

Harmonies

Analogous

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



39.4114, 51.3512, 3.2618



26.7134, 51.3512, 9.6024



20.8839, 51.3512, 33.4804

Triad

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



26.7134, 51.3512, 9.6024



40.1710, 51.3512, 236.0212



94.1576, 51.3512, 31.7405

Complementary

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



26.7134, 51.3512, 9.6024



37.0259, 18.2273, 68.5873

Split Complementary

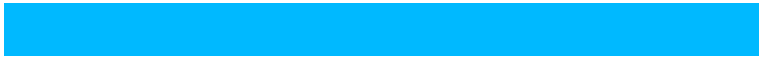
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5195, 51.3512, 86.6280



26.7134, 51.3512, 9.6024



59.5902, 51.3512, 234.2808

Square

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



26.7134, 51.3512, 9.6024



27.1420, 51.3512, 172.2374



80.6037, 51.3512, 168.4027



79.7167, 51.3512, 9.0495

Rectangle

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



26.7134, 51.3512, 9.6024



20.3372, 51.3512, 67.1749



80.6037, 51.3512, 168.4027



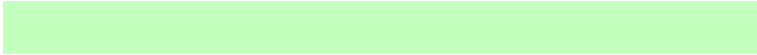
96.0367, 51.3512, 45.9854

Sweetspot

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



26.7146, 51.3533, 9.6036



67.4938, 86.8221, 61.1746



50.0566, 56.4090, 9.3491



13.8186, 18.2828, 12.0277



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.



26.7146, 51.3533, 9.6036



36.1696, 71.7312, 11.9392



28.3313, 51.9200, 21.7342



13.0060, 14.6678, 13.8713



15.2559, 30.1622, 5.0178



1.0302, 1.9756, 0.3270

Inverse Universe

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



37.0259, 18.2273, 68.5873



50.5704, 23.9849, 96.5719



34.5584, 17.8631, 27.4574



13.4802, 13.2057, 16.4906



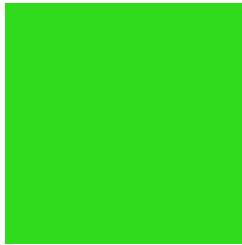
21.3231, 10.1166, 40.5673



1.4191, 0.6748, 2.6299

Previews

White Background



This preview shows how the XYZ color 26.7134, 51.3512, 9.6024 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 26.7134, 51.3512, 9.6024 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 26.7134, 51.3512, 9.6024

Background



This preview shows how black text looks on a background with the XYZ color 26.7134, 51.3512, 9.6024.



This preview shows how white text looks on a background with the XYZ color 26.7134, 51.3512,

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**

26.7134, 51.3512, 9.6024

Protanopia

45.2358, 50.0040, 7.7979

Deuteranopia

51.1783, 49.9400, 10.4320



Tritanopia

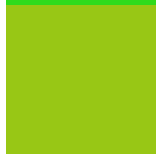
39.8780, 51.1197, 75.4755

Trichromacy



Original Color

26.7134, 51.3512, 9.6024



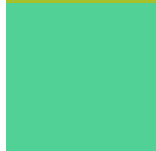
Protanomaly

33.5077, 47.5764, 8.1266



Deuteranomaly

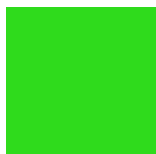
35.4800, 46.5449, 9.5967



Tritanomaly

31.6988, 49.5523, 36.7480

Monochromacy



Original Color

26.7134, 51.3512, 9.6024



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

23.8222, 34.1814, 18.1741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7134, 51.3512, 9.6024 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(47, 219, 28)` looks like.

```
.text, #text, p{  
    color:rgb(47, 219, 28)  
}
```

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(47, 219, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 219, 28) }
```

Border

The CSS property to change the border of an element to XYZ 26.7134, 51.3512, 9.6024 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(47, 219, 28) }
```


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

```
.border{ border-color:rgb(47, 219, 28) }
```

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

Here you see how a box with a 4 pixel rgb(47, 219, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 219, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 219, 28);  
box-shadow:4px 4px 4px 4px rgb(47, 219,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7134, 51.3512, 9.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 219, 28) }
```

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

```
.background{ background-color: rgb(47, 219,  
28) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor