

Converting Colors

XYZ(26.2186, 51.4880, 9.4254)

Have a look what the booklet for
XYZ(26.2186, 51.4880, 9.4254)
contains.

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Color

**XYZ(26.2101, 51.4854,
9.4204)**

Conversions

Conversions Part 1

Format	Color
Hex	1BDC18
RGB	27, 220, 24
RGB Percent	11%, 86%, 9%
CMY	0.8941, 0.1372, 0.9058
CMYK	0.88, 0.00, 0.89, 0.14
HSL	119°, 80%, 48%
HSV	119°, 89%, 86%
XYZ	26.2101, 51.4854, 9.4204
YIQ	139.9490, -52.1120, -101.8720

Conversions

Conversions Part 2

Format	Color
R_{YB}	24, 220, 217
Decimal	1825816
CIE _{Lab}	76.97, -75.29, 71.84
CIE _{LCh}	77, 104.069, 136.345
Yxy	51.4854, 0.3009, 0.5910
Android (android.graphics.Color)	4280015896 (0xFF1BDC18)
YUV	139.9490, -57.1629, -99.0563
Hunter-Lab	71.7533, -60.3657, 42.4432

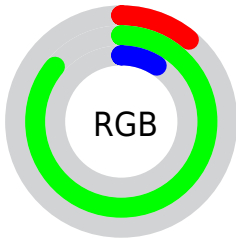
Details

The XYZ color **26.2101, 51.4854, 9.4204** 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 **41.8662, 20.5758, 69.4779**, and the grayscale version is **25.1389, 26.4480, 28.8019**.

A 20% lighter version of the original color is **44.8060, 75.9552, 22.6552**, and **13.0972, 26.1944, 4.3657** is the 20% darker color. If you saturate the color by 10%, you get **25.6721, 51.2274, 8.5927**, and if you desaturate by 10%, it is **27.3383, 52.0306, 11.1883**.

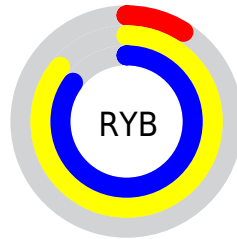
Distribution



Red (11%)

Green (86%)

Blue (9%)



Red (9%)

Yellow (86%)

Blue (85%)

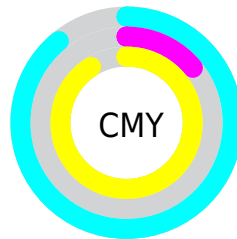


Cyan (88%)

Magenta (0%)

Yellow (89%)

Black (14%)



Cyan (89%)


Magenta (14%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2101, 51.4854, 9.4204 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 26.2101, 51.4854, 9.4204 by changing the saturation by 10% instead.


 26.2101, 51.4854,
9.4204


 26.2101, 51.4854,
9.4204


276.0497,
392.4467, 196.8159


 17.1144, 36.5951,
4.9159


 53.0426, 92.3719,
25.2900

 10.4119, 24.8941,
2.1401


 71.5101, 119.1368,
37.4922


 5.7373, 15.9982,
0.6395


 93.8322, 150.6287,
53.0973

 2.7251, 9.5229,
0.0000

 120.3743,
187.2320, 72.5239

 1.0101, 5.0838,
0.0000

 151.5017,
229.3310, 96.1905

 0.0000, 2.2965,
0.0000

 187.5799,

 0.0000, 0.7719,

277.3102, 124.5157

0.0000

228.9741,
331.5540, 157.9180

■ 0.0000, 0.0000,
0.0000

■ 26.2101, 51.4854,
9.4204

■ 26.2101, 51.4854,
9.4204

■ 25.6721, 51.2274,
8.5927

■ 27.3383, 52.0306,
11.1883


■ 25.6362, 51.2101,
8.5334


■ 29.1879, 52.9205,
14.1476


■ 31.8537, 54.2021,
18.4596


■ 35.4153, 55.9135,
24.2597

■ 39.9428, 58.0882,
31.6673

 45.4995, 60.7567,
40.7891

 52.1431, 63.9465,
51.7233

 59.9272, 67.6833,
64.5601

 68.9019, 71.9910,
79.3841

Harmonies

Analogous

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



38.9713, 51.4854, 3.0042



26.2101, 51.4854, 9.4204



20.4512, 51.4854, 34.0323

Triad

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



26.2101, 51.4854, 9.4204



40.4759, 51.4854, 243.1677



95.3920, 51.4854, 30.6038

Complementary

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



26.2101, 51.4854, 9.4204



41.8662, 20.5758, 69.4779

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.



96.1168, 51.4854, 85.9861



26.2101, 51.4854, 9.4204



60.4676, 51.4854, 239.6554

Square

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



26.2101, 51.4854, 9.4204



27.0539, 51.4854, 177.9714



82.0257, 51.4854, 170.2548



80.2525, 51.4854, 8.3590

Rectangle

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



26.2101, 51.4854, 9.4204



19.9830, 51.4854, 69.0125



82.0257, 51.4854, 170.2548



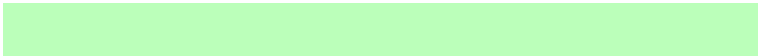
97.4466, 51.4854, 44.8369

Sweetspot

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



26.2113, 51.4875, 9.4216



65.1812, 85.6615, 59.6369



54.4267, 64.7728, 10.4988



13.3228, 18.0332, 11.7313



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.



26.2113, 51.4875, 9.4216



35.8086, 71.5451, 11.9223



29.2856, 52.7086, 26.0021



12.9048, 14.6156, 13.8665



15.0535, 30.0578, 5.0083



0.9818, 1.9507, 0.3248

Inverse Universe

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



41.8662, 20.5758, 69.4779



57.8748, 27.7504, 96.9138



33.5627, 17.3579, 21.0760



13.5938, 13.2642, 16.4959



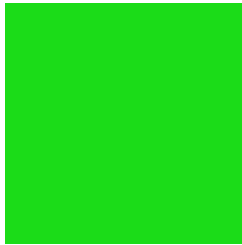
24.3234, 11.6634, 40.7077



1.5822, 0.7589, 2.6375

Previews

White Background



This preview shows how the XYZ color 26.2101, 51.4854, 9.4204 looks on a white background.

Color Contrast Check

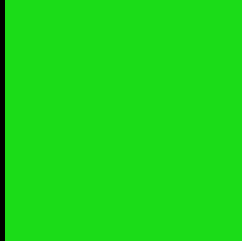
Large Text (above 18pt) WCAG AA × Fail

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 26.2101, 51.4854, 9.4204 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 26.2101, 51.4854, 9.4204

Background



This preview shows how black text looks on a background with the XYZ color 26.2101, 51.4854, 9.4204.



This preview shows how white text looks on a background with the XYZ color 26.2101, 51.4854,

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

26.2101, 51.4854, 9.4204

Protanopia

45.4038, 50.4142, 7.6250

Deuteranopia

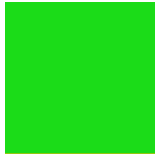
51.3320, 50.3210, 10.2562



Tritanopia

39.6018, 51.3160, 76.2244

Trichromacy



Original Color

26.2101, 51.4854, 9.4204



Protanomaly

32.4176, 47.3628, 7.8853



Deuteranomaly

34.2069, 46.2243, 9.3098



Tritanomaly

30.9972, 49.5652, 36.3671

Monochromacy



Original Color

26.2101, 51.4854, 9.4204



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

21.5382, 31.9104, 16.5794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2101, 51.4854, 9.4204 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(27, 220, 24)` looks like.

```
.text, #text, p{  
    color:rgb(27, 220, 24)  
}
```

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(27, 220, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 220, 24) }
```

Border

The CSS property to change the border of an element to XYZ 26.2101, 51.4854, 9.4204 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(27, 220, 24) }
```


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

```
.border{ border-color:rgb(27, 220, 24) }
```

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

Here you see how a box with a 4 pixel rgb(27, 220, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 220, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 220, 24);  
box-shadow:4px 4px 4px 4px rgb(27, 220,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2101, 51.4854, 9.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 220, 24) }
```

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

```
.background{ background-color: rgb(27, 220,  
24) }
```

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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