

Converting Colors

XYZ(26.9607, 53.6284, 8.9303)

Have a look what the booklet for
XYZ(26.9607, 53.6284, 8.9303)
contains.

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Color

**XYZ(26.8527, 53.4129,
8.8944)**

Conversions

Conversions Part 1

Format	Color
Hex	0FE000
RGB	15, 224, 0
RGB Percent	6%, 88%, 0%
CMY	0.9412, 0.1216, 0.9999
CMYK	0.93, 0.00, 1.00, 0.12
HSL	116°, 100%, 44%
HSV	116°, 100%, 88%
XYZ	26.8527, 53.4129, 8.8944
YIQ	135.9730, -52.6600, -113.9720

Conversions

Conversions Part 2

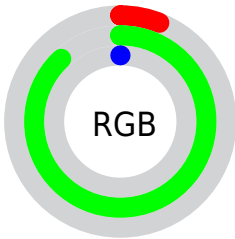
Format	Color
RYB	0, 224, 209
Decimal	1040384
CIELab	78.12, -77.60, 75.49
CIELCh	78, 108.261, 135.787
Yxy	53.4129, 0.3012, 0.5991
Android (android.graphics.Color)	4279230464 (0xFF0FE000)
YUV	135.9730, -67.0347, -106.0933
Hunter-Lab	73.0841, -62.3124, 43.9432

Details

The XYZ color **26.8527, 53.4129, 8.8944** 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 **39.7581, 18.9422, 72.0846**, and the grayscale version is **23.6516, 24.8834, 27.0980**.

A 20% lighter version of the original color is **44.3791, 75.7693, 21.0900**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.8534, 53.4148, 8.8948**, and if you desaturate by 10%, it is **27.5300, 53.7464, 9.7040**.

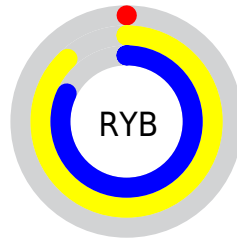
Distribution



Red (6%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (82%)

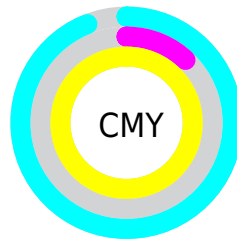


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (94%)


Magenta (12%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8527, 53.4129, 8.8944 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 26.8527, 53.4129, 8.8944 by changing the saturation by 10% instead.


 26.8527, 53.4129,
8.8944


 26.8527, 53.4129,
8.8944


279.1238,
399.8672, 192.7771


 17.5986, 38.1325,
4.5765


 54.0690, 95.2117,
24.2685


 10.7602, 26.0855,
1.9466


 72.7619, 122.4988,
36.1618

 5.9719, 16.8876,
0.5222


 95.3318, 154.5570,
51.4174

 2.8685, 10.1544,
0.0000

 122.1441,
191.7706, 70.4537

 1.0846, 5.5015,
0.0000

 153.5640,
234.5240, 93.6892

 0.0122, 2.5444,
0.0000

 189.9571,

 0.0000, 0.8988,

283.2017, 121.5426

0.0000

231.6885,
338.1880, 154.4324

■ 0.0000, 0.0000,
0.0000

■ 26.8527, 53.4129,
8.8944

■ 26.8527, 53.4129,
8.8944

■ 26.8534, 53.4148,
8.8948

■ 27.5300, 53.7464,
9.7040

■ 28.8035, 54.3659,
11.4409

■ 30.7950, 55.3290,
14.4028

■ 33.5899, 56.6763,
18.7596

■ 37.2618, 58.4426,
24.6546

■ 41.8759, 60.6587,
32.2131

■ 47.4910, 63.3526,
41.5478

■ 54.1613, 66.5500,
52.7613

■ 61.9371, 70.2747,
65.9485

Harmonies

Analogous

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



40.4931, 53.4129, 2.6686



26.8527, 53.4129, 8.8944



20.6813, 53.4129, 34.0040

Triad

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



26.8527, 53.4129, 8.8944



41.4278, 53.4129, 259.7030



100.7811, 53.4129, 31.8896

Complementary

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



26.8527, 53.4129, 8.8944



39.7581, 18.9422, 72.0846

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.



101.2383, 53.4129, 91.6740



26.8527, 53.4129, 8.8944



62.6473, 53.4129, 257.4651

Square

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



26.8527, 53.4129, 8.8944



27.3724, 53.4129, 187.8424



85.8262, 53.4129, 182.9449



84.7107, 53.4129, 8.2633

Rectangle

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



26.8527, 53.4129, 8.8944



20.1166, 53.4129, 70.7016



85.8262, 53.4129, 182.9449



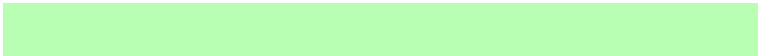
102.8901, 53.4129, 47.1926

Sweetspot

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



26.8539, 53.4151, 8.8956



63.5212, 84.8973, 55.4221



52.6545, 59.6732, 8.7437



12.8782, 17.8272, 10.6653



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.



26.8539, 53.4151, 8.8956



35.9920, 71.6396, 11.9309



28.6485, 54.1102, 19.3721



13.6132, 15.3808, 14.5581



15.6639, 31.1075, 5.1788



1.1160, 2.1718, 0.3604

Inverse Universe

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



39.7581, 18.9422, 72.0846



53.2934, 25.3886, 96.6994



34.8171, 17.4786, 22.8980



14.1998, 13.8866, 17.3196



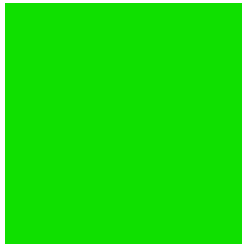
23.1798, 11.0449, 41.9585



1.6343, 0.7798, 2.9096

Previews

White Background



This preview shows how the XYZ color 26.8527, 53.4129, 8.8944 looks on a white background.

Color Contrast Check

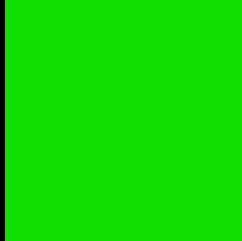
Large Text (above 18pt) WCAG AA × Fail

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 26.8527, 53.4129, 8.8944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

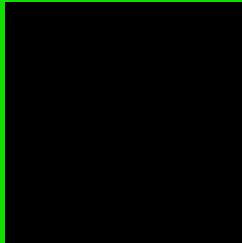
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8527, 53.4129, 8.8944

Background



This preview shows how black text looks on a background with the XYZ color 26.8527, 53.4129, 8.8944.



This preview shows how white text looks on a background with the XYZ color 26.8527, 53.4129,

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

26.8527, 53.4129, 8.8944

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

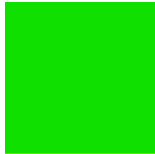
53.5580, 52.3784, 10.1930



Tritanopia

40.8658, 52.9809, 79.3066

Trichromacy



Original Color

26.8527, 53.4129, 8.8944



Protanomaly

32.9206, 49.0254, 7.7277



Deuteranomaly

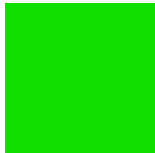
34.5117, 47.4024, 8.6269



Tritanomaly

31.2513, 51.2346, 34.2287

Monochromacy



Original Color

26.8527, 53.4129, 8.8944



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.1366, 30.9687, 13.9331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8527, 53.4129, 8.8944 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(15, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(15, 224, 0)  
}
```

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(15, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 224, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.8527, 53.4129, 8.8944 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(15, 224, 0) }
```


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

```
.border{ border-color:rgb(15, 224, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 224, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(15, 224, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8527, 53.4129, 8.8944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 224, 0) }
```

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

```
.background{ background-color: rgb(15, 224,  
0) }
```

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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