

Converting Colors

XYZ(26.7755, 53.3717, 9.0072)

Have a look what the booklet for
XYZ(26.7755, 53.3717, 9.0072)
contains.

XYZ(26.7777, 53.3717, 9.0053)	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(26.7777, 53.3717,
9.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	08E004
RGB	8, 224, 4
RGB Percent	3%, 88%, 2%
CMY	0.9686, 0.1216, 0.9842
CMYK	0.96, 0.00, 0.98, 0.12
HSL	119°, 96%, 45%
HSV	119°, 98%, 88%
XYZ	26.7777, 53.3717, 9.0053
YIQ	134.3360, -58.1160, -114.2120

Conversions

Conversions Part 2

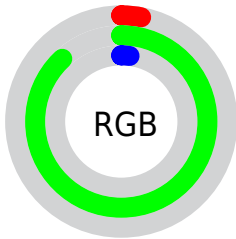
Format	Color
RYB	4, 224, 220
Decimal	581636
CIELab	78.09, -77.80, 75.09
CIELCh	78, 108.127, 136.014
Yxy	53.3717, 0.3004, 0.5986
Android (android.graphics.Color)	4278771716 (0xFF08E004)
YUV	134.3360, -64.2556, -110.7967
Hunter-Lab	73.0559, -62.4210, 43.8307

Details

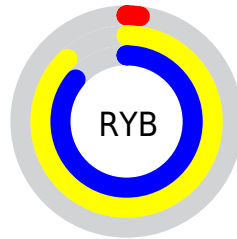
The XYZ color **26.7777, 53.3717, 9.0053** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **43.0243, 20.6904, 72.2499**, and the grayscale version is **23.0308, 24.2302, 26.3867**.

A 20% lighter version of the original color is **44.1624, 75.6529, 21.2917**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.7073, 53.3396, 8.8879**, and if you desaturate by 10%, it is **27.3833, 53.6659, 9.9180**.

Distribution



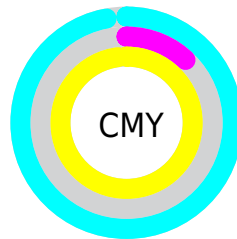
- Red (3%)
- Green (88%)
- Blue (2%)



- Red (2%)
- Yellow (88%)
- Blue (86%)



- Cyan (96%)
- Magenta (0%)
- Yellow (98%)
- Black (12%)




- Cyan (97%)
- Magenta (12%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7777, 53.3717, 9.0053 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 26.7777, 53.3717, 9.0053 by changing the saturation by 10% instead.


 26.7777, 53.3717,
9.0053


 26.7777, 53.3717,
9.0053


278.7664,
399.7096, 193.6370


 17.5421, 38.0996,
4.6478


 53.9494, 95.1511,
24.4848


 10.7194, 26.0600,
1.9870


 72.6161, 122.4272,
36.4439


 5.9444, 16.8685,
0.5473

 95.1572, 154.4733,
51.7739

 2.8516, 10.1408,
0.0000

 121.9381,
191.6740, 70.8934

 1.0758, 5.4924,
0.0000

 153.3241,
234.4136, 94.2209

 0.0047, 2.5390,
0.0000

 189.6806,

 0.0000, 0.8961,

283.0764, 122.1750

0.0000

231.3729,
338.0469, 155.1742

■ 0.0000, 0.0000,
0.0000

■ 26.7777, 53.3717,
9.0053

■ 26.7777, 53.3717,
9.0053

■ 26.7073, 53.3396,
8.8879

■ 27.3833, 53.6659,
9.9180

■ 28.6233, 54.2636,
11.8523

■ 30.6245, 55.2267,
15.0458

■ 33.4827, 56.6009,
19.6633

■ 37.2794, 58.4253,
25.8449

■ 42.0866, 60.7343,
33.7136

■ 47.9695, 63.5592,
43.3804

■ 54.9877, 66.9285,
54.9469

■ 63.1964, 70.8686,
68.5070

Harmonies

Analogous

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



40.3386, 53.3717, 2.6970



26.7777, 53.3717, 9.0053



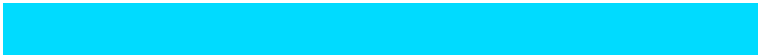
20.6651, 53.3717, 34.3102

Triad

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



26.7777, 53.3717, 9.0053



41.5406, 53.3717, 259.5055



100.5732, 53.3717, 31.5905

Complementary

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



26.7777, 53.3717, 9.0053



43.0243, 20.6904, 72.2499

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.



101.1608, 53.3717, 90.9628



26.7777, 53.3717, 9.0053



62.7642, 53.3717, 256.6305

Square

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



26.7777, 53.3717, 9.0053



27.4462, 53.3717, 188.2178



85.8780, 53.3717, 181.9250



84.4441, 53.3717, 8.1923

Rectangle

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



26.7777, 53.3717, 9.0053



20.1315, 53.3717, 71.1561



85.8780, 53.3717, 181.9250



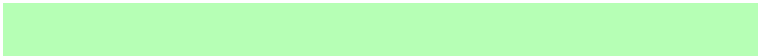
102.7206, 53.3717, 46.7694

Sweetspot

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



26.7789, 53.3739, 9.0065



63.4880, 84.8502, 56.7745



55.4921, 65.3133, 9.7977



12.8382, 17.8009, 10.9176



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.



26.7789, 53.3739, 9.0065



35.8176, 71.5497, 11.9227



29.3444, 54.3944, 22.7755



13.5515, 15.3490, 14.5552



15.5553, 31.0516, 5.1737



1.0864, 2.1565, 0.3590

Inverse Universe

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



43.0243, 20.6904, 72.2499



57.6171, 27.6176, 96.9017



34.2581, 17.3245, 19.7399



14.2693, 13.9224, 17.3229



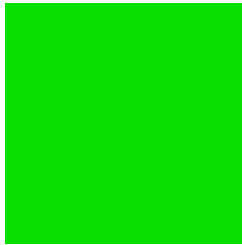
25.0153, 11.9912, 42.0444



1.7418, 0.8352, 2.9147

Previews

White Background



This preview shows how the XYZ color 26.7777, 53.3717, 9.0053 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 26.7777, 53.3717, 9.0053 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 26.7777, 53.3717, 9.0053

Background



This preview shows how black text looks on a background with the XYZ color 26.7777, 53.3717, 9.0053.



This preview shows how white text looks on a background with the XYZ color 26.7777, 53.3717,

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

26.7777, 53.3717, 9.0053

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

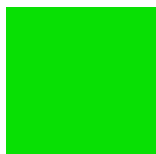
53.2175, 52.2029, 10.1770



Tritanopia

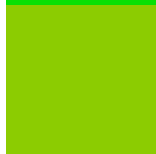
40.7626, 52.9277, 79.3018

Trichromacy



Original Color

26.7777, 53.3717, 9.0053



Protanomaly

32.4136, 48.7634, 7.7326



Deuteranomaly

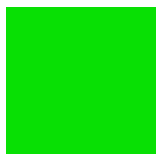
33.9511, 47.1102, 8.7426



Tritanomaly

31.2073, 51.1942, 35.0247

Monochromacy



Original Color

26.7777, 53.3717, 9.0053



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

19.5635, 30.4003, 13.8536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7777, 53.3717, 9.0053 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(8, 224, 4)` looks like.

```
.text, #text, p{  
    color:rgb(8, 224, 4)  
}
```

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(8, 224, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 224, 4) }
```

Border

The CSS property to change the border of an element to XYZ 26.7777, 53.3717, 9.0053 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(8, 224, 4) }
```


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

```
.border{ border-color:rgb(8, 224, 4) }
```

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

Here you see how a box with a 4 pixel rgb(8, 224, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 224, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 224, 4); box-shadow:4px  
4px 4px 4px rgb(8, 224, 4) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7777, 53.3717, 9.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 224, 4) }
```

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

```
.background{ background-color: rgb(8, 224,  
4) }
```

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