

Converting Colors

XYZ(26.7653, 53.3570, 9.4572)

Have a look what the booklet for
XYZ(26.7653, 53.3570, 9.4572)
contains.

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Color

**XYZ(26.7648, 53.3550,
9.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	00E012
RGB	0, 224, 18
RGB Percent	0%, 88%, 7%
CMY	1.0000, 0.1216, 0.9293
CMYK	1.00, 0.00, 0.92, 0.12
HSL	125°, 100%, 44%
HSV	125°, 100%, 88%
XYZ	26.7648, 53.3550, 9.4602
YIQ	133.5400, -67.3780, -111.5540

Conversions

Conversions Part 2

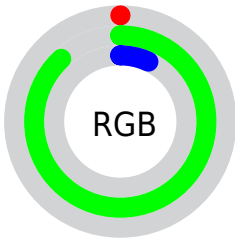
Format	Color
RYB	0, 207, 224
Decimal	57362
CIELab	78.08, -77.81, 73.63
CIELCh	78, 107.125, 136.579
Yxy	53.3550, 0.2988, 0.5956
Android (android.graphics.Color)	4278247442 (0xFF00E012)
YUV	133.5400, -56.9612, -117.1146
Hunter-Lab	73.0445, -62.4223, 43.4523

Details

The XYZ color **26.7648, 53.3550, 9.4602** 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 **41.8803, 20.3034, 60.0937**, and the grayscale version is **22.7129, 23.8957, 26.0224**.

A 20% lighter version of the original color is **44.2039, 75.6548, 22.1706**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.7661, 53.3572, 9.4614**, and if you desaturate by 10%, it is **27.3564, 53.6326, 10.7968**.

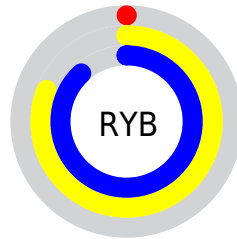
Distribution



Red (0%)

Green (88%)

Blue (7%)



Red (0%)

Yellow (81%)

Blue (88%)

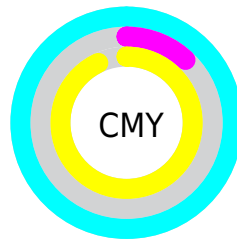


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (12%)



Cyan (100%)

Magenta (12%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7648, 53.3550, 9.4602 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 26.7648, 53.3550, 9.4602 by changing the saturation by 10% instead.

■ 26.7648, 53.3550,
9.4602

■ 26.7648, 53.3550,
9.4602

278.7049,
399.6456, 197.1176

■ 17.5323, 38.0862,
4.9417

■ 53.9288, 95.1265,
25.3669

■ 10.7124, 26.0496,
2.1549

■ 72.5910, 122.3981,
37.5921

■ 5.9397, 16.8608,
0.6482

■ 95.1272, 154.4394,
53.2232

■ 2.8487, 10.1353,
0.0000

■ 121.9027,
191.6348, 72.6789

■ 1.0743, 5.4887,
0.0000

■ 153.2828,
234.3688, 96.3777

■ 0.0034, 2.5368,
0.0000

■ 189.6330,

■ 0.0000, 0.8950,

283.0256, 124.7380

0.0000

231.3186,
337.9898, 158.1784

■ 0.0000, 0.0000,
0.0000

■ 26.7648, 53.3550,
9.4602

■ 26.7648, 53.3550,
9.4602

■ 26.7661, 53.3572,
9.4614

■ 27.3564, 53.6326,
10.7968

■ 28.5253, 54.1849,
13.1226

■ 30.4265, 55.0904,
16.5836

■ 33.1549, 56.3954,
21.2998

■ 36.7910, 58.1392,
27.3760

■ 41.4058, 60.3563,
34.9058

■ 47.0631, 63.0779,
43.9747

■ 53.8214, 66.3323,
54.6614

■ 61.7347, 70.1460,
67.0395

Harmonies

Analogous

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



40.0875, 53.3550, 2.8731



26.7648, 53.3550, 9.4602



20.8054, 53.3550, 35.2665

Triad

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



26.7648, 53.3550, 9.4602



41.9450, 53.3550, 257.3607



99.8044, 53.3550, 31.0524

Complementary

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



26.7648, 53.3550, 9.4602



41.8803, 20.3034, 60.0937

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.



100.7076, 53.3550, 89.1116



26.7648, 53.3550, 9.4602



63.0660, 53.3550, 252.9564

Square

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



26.7648, 53.3550, 9.4602



27.8010, 53.3550, 188.2023



85.8609, 53.3550, 178.5493



83.6547, 53.3550, 8.1844

Rectangle

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



26.7648, 53.3550, 9.4602



20.3490, 53.3550, 72.3055



85.8609, 53.3550, 178.5493



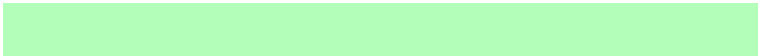
102.0290, 53.3550, 45.8794

Sweetspot

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



26.7661, 53.3572, 9.4614



62.9555, 84.5324, 58.7061



52.9712, 66.8791, 10.1171



12.7504, 17.7447, 11.4084



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.



26.7661, 53.3572, 9.4614



35.8909, 71.5724, 12.6093



30.4833, 54.8441, 29.0360



13.5733, 15.3551, 14.7883



15.5959, 31.0632, 5.5948



1.0968, 2.1594, 0.4709

Inverse Universe

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



41.8803, 20.3034, 60.0937



56.1612, 27.2285, 80.5041



32.9026, 16.7123, 12.8176



14.2450, 13.9156, 17.0601



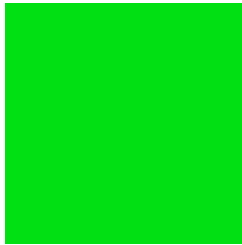
24.3966, 11.8256, 35.0839



1.7053, 0.8254, 2.5071

Previews

White Background



This preview shows how the XYZ color 26.7648, 53.3550, 9.4602 looks on a white background.

Color Contrast Check

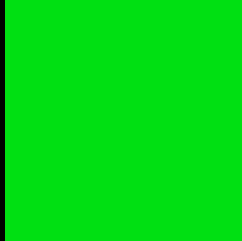
Large Text (above 18pt) WCAG AA × Fail

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 26.7648, 53.3550, 9.4602 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

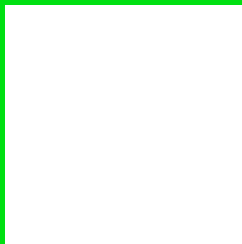
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7648, 53.3550, 9.4602

Background



This preview shows how black text looks on a background with the XYZ color 26.7648, 53.3550, 9.4602.



This preview shows how white text looks on a background with the XYZ color 26.7648, 53.3550,

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**

26.7648, 53.3550, 9.4602

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

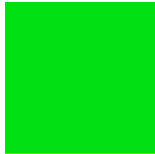
53.2607, 52.2202, 10.4043



Tritanopia

40.7626, 52.9277, 79.3018

Trichromacy



Original Color

26.7648, 53.3550, 9.4602



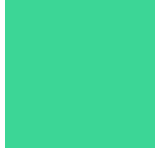
Protanomaly

31.9477, 48.5194, 7.8824



Deuteranomaly

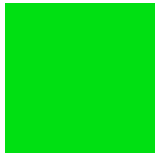
33.4693, 46.8513, 9.1986



Tritanomaly

31.4151, 51.2558, 37.0918

Monochromacy



Original Color

26.7648, 53.3550, 9.4602



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

19.4968, 30.3414, 14.9541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7648, 53.3550, 9.4602 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(0, 224, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 18)  
}
```

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(0, 224, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 18) }
```

Border

The CSS property to change the border of an element to XYZ 26.7648, 53.3550, 9.4602 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(0, 224, 18) }
```


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

```
.border{ border-color:rgb(0, 224, 18) }
```

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

Here you see how a box with a 4 pixel rgb(0, 224, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 18);  
box-shadow:4px 4px 4px 4px rgb(0, 224, 18)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.7648, 53.3550, 9.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 18) }
```

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

```
.background{ background-color: rgb(0, 224,  
18) }
```

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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