

Converting Colors

XYZ(26.7006, 51.3659, 8.5359)

Have a look what the booklet for
XYZ(26.7006, 51.3659, 8.5359)
contains.

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Color

**XYZ(26.7022, 51.3690,
8.5366)**

Conversions

Conversions Part 1

Format	Color
Hex	33DB01
RGB	51, 219, 1
RGB Percent	20%, 86%, 0%
CMY	0.8000, 0.1412, 0.9960
CMYK	0.77, 0.00, 1.00, 0.14
HSL	106°, 99%, 43%
HSV	106°, 100%, 86%
XYZ	26.7022, 51.3690, 8.5366
YIQ	143.9160, -30.1500, -103.4140

Conversions

Conversions Part 2

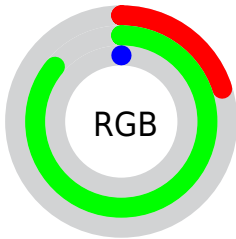
Format	Color
RYB	1, 219, 169
Decimal	3398401
CIELab	76.90, -72.97, 74.58
CIELCh	77, 104.336, 134.376
Yxy	51.3690, 0.3083, 0.5931
Android (android.graphics.Color)	4281588481 (0xFF33DB01)
YUV	143.9160, -70.4576, -81.4873
Hunter-Lab	71.6722, -58.9243, 43.1087

Details

The XYZ color **26.7022, 51.3690, 8.5366** 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 **29.1672, 13.5757, 68.1037**, and the grayscale version is **26.7613, 28.1550, 30.6608**.

A 20% lighter version of the original color is **46.0039, 76.6115, 20.9572**, and **12.9203, 25.8407, 4.3068** is the 20% darker color. If you saturate the color by 10%, you get **26.6581, 51.3485, 8.5062**, and if you desaturate by 10%, it is **27.8620, 51.9513, 9.3660**.

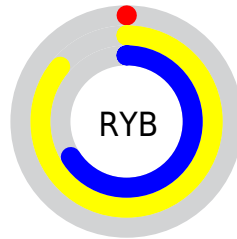
Distribution



Red (20%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (66%)

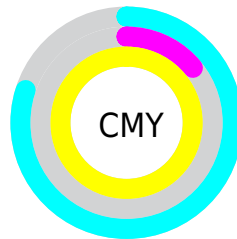


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (80%)


Magenta (14%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7022, 51.3690, 8.5366 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 26.7022, 51.3690, 8.5366 by changing the saturation by 10% instead.


 26.7022, 51.3690,
8.5366


 26.7022, 51.3690,
8.5366


278.4062,
391.9957, 189.9713


 17.4851, 36.5024,
4.3475


 53.8289, 92.2000,
23.5672


 10.6784, 24.8224,
1.8179


 72.4692, 118.9331,
35.2457

 5.9167, 15.9448,
0.4397


 94.9813, 150.3905,
50.2579

 2.8347, 9.4851,
0.0000

 121.7306,
186.9566, 69.0222

 1.0670, 5.0589,
0.0000

 153.0824,
229.0158, 91.9571

 0.0000, 2.2819,
0.0000

 189.4020,

 0.0000, 0.7641,

276.9525, 119.4813

0.0000

231.0548,
331.1510, 152.0131

■ 0.0000, 0.0000,
0.0000

■ 26.7022, 51.3690,
8.5366

■ 26.7022, 51.3690,
8.5366

■ 26.6581, 51.3485,
8.5062

■ 27.8620, 51.9513,
9.3660

■ 29.5274, 52.7733,
11.0955

■ 31.7762, 53.8708,
13.9911

■ 34.6620, 55.2681,
18.2109

■ 38.2318, 56.9865,
23.8882

■ 42.5279, 59.0451,
31.1402

■ 47.5889, 61.4617,
40.0719

■ 53.4508, 64.2527,
50.7795

■ 60.1469, 67.4333,
63.3519

Harmonies

Analogous

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



39.9490, 51.3690, 2.8105



26.7022, 51.3690, 8.5366



20.5217, 51.3690, 31.3570

Triad

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



26.7022, 51.3690, 8.5366



39.2504, 51.3690, 241.0330



95.9101, 51.3690, 32.9473

Complementary

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



26.7022, 51.3690, 8.5366



29.1672, 13.5757, 68.1037

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.



95.5729, 51.3690, 90.8361



26.7022, 51.3690, 8.5366



58.9263, 51.3690, 242.6691

Square

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



26.7022, 51.3690, 8.5366



26.3109, 51.3690, 172.4826



80.6744, 51.3690, 176.0754



81.4991, 51.3690, 9.0267

Rectangle

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



26.7022, 51.3690, 8.5366



19.8014, 51.3690, 64.6926



80.6744, 51.3690, 176.0754



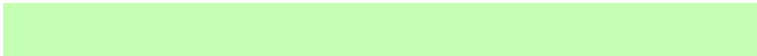
97.6200, 51.3690, 48.0005

Sweetspot

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



26.7034, 51.3711, 8.5378



66.6209, 86.4953, 55.5671



43.2493, 43.1211, 6.0733



13.5878, 18.1930, 10.6985



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.



26.7034, 51.3711, 8.5378



37.5317, 72.4333, 12.0029



26.1389, 50.9891, 12.6231



13.1644, 14.7495, 13.8787



15.8858, 30.4869, 5.0473



1.1049, 2.0141, 0.3305

Inverse Universe

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



29.1672, 13.5757, 68.1037



40.9561, 19.0285, 96.1220



35.6480, 17.6519, 35.1898



13.3073, 13.1165, 16.4825



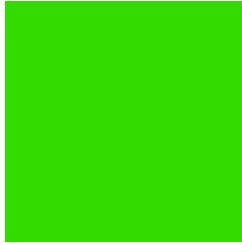
17.3572, 8.0721, 40.3817



1.1972, 0.5604, 2.6195

Previews

White Background



This preview shows how the XYZ color 26.7022, 51.3690, 8.5366 looks on a white background.

Color Contrast Check

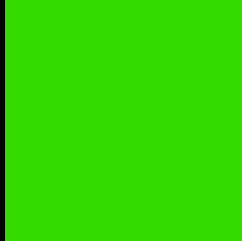
Large Text (above 18pt) WCAG AA × Fail

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 26.7022, 51.3690, 8.5366 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 26.7022, 51.3690, 8.5366

Background



This preview shows how black text looks on a background with the XYZ color 26.7022, 51.3690, 8.5366.



This preview shows how white text looks on a background with the XYZ color 26.7022, 51.3690,

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

26.7022, 51.3690, 8.5366

Protanopia

45.3490, 50.3922, 7.3365

Deuteranopia

51.0256, 49.8789, 9.6276



Tritanopia

40.1047, 51.2366, 75.4861

Trichromacy



Original Color

26.7022, 51.3690, 8.5366



Protanomaly

33.7911, 48.0809, 7.4996



Deuteranomaly

35.6665, 46.6687, 8.3564



Tritanomaly

31.1902, 49.3792, 32.6982

Monochromacy



Original Color

26.7022, 51.3690, 8.5366



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

22.9251, 33.2135, 15.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7022, 51.3690, 8.5366 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(51, 219, 1)` looks like.

```
.text, #text, p{  
    color:rgb(51, 219, 1)  
}
```

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(51, 219, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 219, 1) }
```

Border

The CSS property to change the border of an element to XYZ 26.7022, 51.3690, 8.5366 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(51, 219, 1) }
```


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

```
.border{ border-color:rgb(51, 219, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 219, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 219, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 219, 1);  
box-shadow:4px 4px 4px 4px rgb(51, 219, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.7022, 51.3690, 8.5366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 219, 1) }
```

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

```
.background{ background-color: rgb(51, 219,  
1) }
```

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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