

Converting Colors

XYZ(26.7470, 51.5090, 8.5325)

Have a look what the booklet for
XYZ(26.7470, 51.5090, 8.5325)
contains.

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Color

**XYZ(26.6469, 51.3411,
8.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	32DB00
RGB	50, 219, 0
RGB Percent	20%, 86%, 0%
CMY	0.8039, 0.1412, 0.9999
CMYK	0.77, 0.00, 1.00, 0.14
HSL	106°, 100%, 43%
HSV	106°, 100%, 86%
XYZ	26.6469, 51.3411, 8.5054
YIQ	143.5030, -30.4250, -103.9370

Conversions

Conversions Part 2

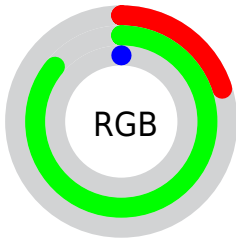
Format	Color
RYB	0, 219, 169
Decimal	3332864
CIELab	76.89, -73.12, 74.65
CIELCh	77, 104.498, 134.407
Yxy	51.3411, 0.3081, 0.5936
Android (android.graphics.Color)	4281522944 (0xFF32DB00)
YUV	143.5030, -70.7470, -82.0021
Hunter-Lab	71.6527, -59.0099, 43.1190

Details

The XYZ color **26.6469, 51.3411, 8.5054** 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 **29.1561, 13.5538, 68.1000**, and the grayscale version is **26.5957, 27.9808, 30.4711**.

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 **26.6469, 51.3426, 8.5057**, and if you desaturate by 10%, it is **27.7847, 51.9126, 9.3112**.

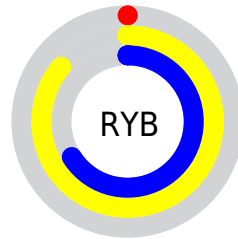
Distribution



Red (20%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (66%)

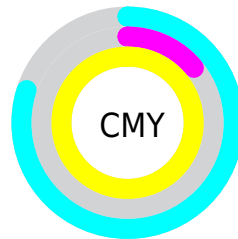


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (80%)


Magenta (14%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6469, 51.3411, 8.5054 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 26.6469, 51.3411, 8.5054 by changing the saturation by 10% instead.


 26.6469, 51.3411,
8.5054


 26.6469, 51.3411,
8.5054


278.1422,
391.8876, 189.7243


 17.4434, 36.4801,
4.3276


 53.7406, 92.1588,
23.5057


 10.6484, 24.8052,
1.8067


 72.3616, 118.8843,
35.1654

 5.8965, 15.9320,
0.4324


 94.8524, 150.3334,
50.1561

 2.8223, 9.4761,
0.0000

 121.5785,
186.8906, 68.8964

 1.0605, 5.0530,
0.0000

 152.9052,
228.9402, 91.8048

 0.0000, 2.2784,
0.0000

 189.1978,

 0.0000, 0.7622,

276.8667, 119.2999

0.0000

230.8217,
331.0543, 151.8002

■ 0.0000, 0.0000,
0.0000

■ 26.6469, 51.3411,
8.5054

■ 26.6469, 51.3411,
8.5054

■ 26.6469, 51.3426,
8.5057

■ 27.7847, 51.9126,
9.3112

■ 29.4227, 52.7215,
10.9916

■ 31.6421, 53.8051,
13.8302

■ 34.4971, 55.1879,
17.9865

■ 38.0350, 56.8912,
23.5945

■ 42.2983, 58.9346,
30.7722

■ 47.3259, 61.3357,
39.6251

■ 53.1540, 64.1111,
50.2498

■ 59.8161, 67.2761,
62.7354

Harmonies

Analogous

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



39.8953, 51.3411, 2.7861



26.6469, 51.3411, 8.5054



20.4718, 51.3411, 31.3445

Triad

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



26.6469, 51.3411, 8.5054



39.2311, 51.3411, 241.4266



95.9500, 51.3411, 32.8558

Complementary

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



26.6469, 51.3411, 8.5054



29.1561, 13.5538, 68.1000

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.



95.6291, 51.3411, 90.7774



26.6469, 51.3411, 8.5054



58.9358, 51.3411, 242.9846

Square

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



26.6469, 51.3411, 8.5054



26.2750, 51.3411, 172.7595



80.7159, 51.3411, 176.1798



81.5006, 51.3411, 8.9701

Rectangle

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



26.6469, 51.3411, 8.5054



19.7555, 51.3411, 64.7391



80.7159, 51.3411, 176.1798



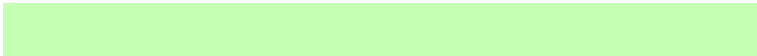
97.6688, 51.3411, 47.9076

Sweetspot

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



26.6481, 51.3432, 8.5066



66.6002, 86.4846, 55.5662



43.2007, 43.0326, 6.0300



13.5830, 18.1905, 10.6983



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.



26.6481, 51.3432, 8.5066



37.5162, 72.4253, 12.0022



26.1074, 50.9751, 12.5226



13.1632, 14.7488, 13.8786



15.8789, 30.4834, 5.0470



1.1043, 2.0138, 0.3305

Inverse Universe

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



29.1561, 13.5538, 68.1000



41.0255, 19.0643, 96.1252



35.6136, 17.6208, 35.0625



13.3087, 13.1173, 16.4826



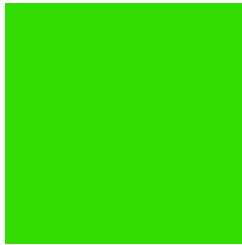
17.3859, 8.0869, 40.3830



1.1988, 0.5613, 2.6196

Previews

White Background



This preview shows how the XYZ color 26.6469, 51.3411, 8.5054 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 26.6469, 51.3411, 8.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

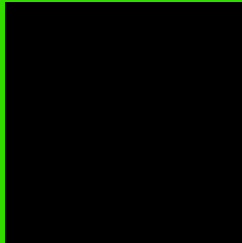
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6469, 51.3411, 8.5054

Background



This preview shows how black text looks on a background with the XYZ color 26.6469, 51.3411, 8.5054.



This preview shows how white text looks on a background with the XYZ color 26.6469, 51.3411,

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

26.6469, 51.3411, 8.5054

Protanopia

45.3490, 50.3922, 7.3365

Deuteranopia

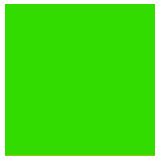
51.0256, 49.8789, 9.6276



Tritanopia

39.9906, 51.1778, 75.4807

Trichromacy



Original Color

26.6469, 51.3411, 8.5054



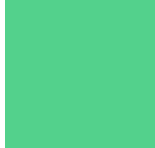
Protanomaly

33.7911, 48.0809, 7.4996



Deuteranomaly

35.4528, 46.5585, 8.3464



Tritanomaly

31.1014, 49.3334, 32.6940

Monochromacy



Original Color

26.6469, 51.3411, 8.5054



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 26.6469, 51.3411, 8.5054 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(50, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(50, 219, 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(50, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 219, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.6469, 51.3411, 8.5054 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(50, 219, 0) }
```


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

```
.border{ border-color:rgb(50, 219, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 219, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(50, 219, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.6469, 51.3411, 8.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 219, 0) }
```

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

```
.background{ background-color: rgb(50, 219,  
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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