

Converting Colors

XYZ(26.1570, 51.2049, 8.5049)

Have a look what the booklet for
XYZ(26.1570, 51.2049, 8.5049)
contains.

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Color

**XYZ(26.0945, 51.0564,
8.4795)**

Conversions

Conversions Part 1

Format	Color
Hex	25DB00
RGB	37, 219, 0
RGB Percent	15%, 86%, 0%
CMY	0.8549, 0.1412, 0.9999
CMYK	0.83, 0.00, 1.00, 0.14
HSL	110°, 100%, 43%
HSV	110°, 100%, 86%
XYZ	26.0945, 51.0564, 8.4795
YIQ	139.6160, -38.1730, -106.6930

Conversions

Conversions Part 2

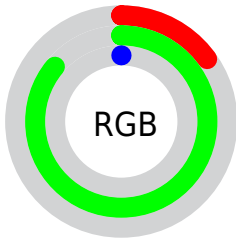
Format	Color
RYB	0, 219, 182
Decimal	2480896
CIELab	76.71, -74.66, 74.44
CIELCh	77, 105.430, 135.083
Yxy	51.0564, 0.3047, 0.5962
Android (android.graphics.Color)	4280670976 (0xFF25DB00)
YUV	139.6160, -68.8307, -89.9942
Hunter-Lab	71.4538, -59.8569, 42.9816

Details

The XYZ color **26.0945, 51.0564, 8.4795** 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 **32.0854, 15.0639, 68.2372**, and the grayscale version is **25.0496, 26.3541, 28.6996**.

A 20% lighter version of the original color is **45.0074, 76.0978, 20.9105**, and **12.9203, 25.8407, 4.3068** is the 20% darker color. If you saturate the color by 10%, you get **26.0948, 51.0581, 8.4799**, and if you desaturate by 10%, it is **27.0634, 51.5408, 9.2773**.

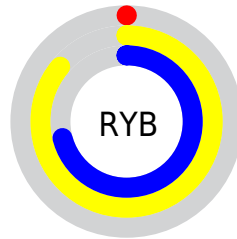
Distribution



Red (15%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (71%)

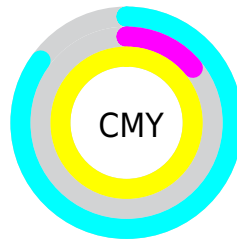


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (85%)


Magenta (14%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0945, 51.0564, 8.4795 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 26.0945, 51.0564, 8.4795 by changing the saturation by 10% instead.


 26.0945, 51.0564,
8.4795


 26.0945, 51.0564,
8.4795


275.4939,
390.7829, 189.5189


 17.0274, 36.2535,
4.3111


 52.8576, 91.7381,
23.4547

 10.3495, 24.6300,
1.7975


 71.2843, 118.3858,
35.0987


 5.6953, 15.8016,
0.4263


 93.5615, 149.7504,
50.0715

 2.6996, 9.3839,
0.0000

 120.0547,
186.2165, 68.7919

 0.9970, 4.9924,
0.0000

 151.1292,
228.1684, 91.6783

 0.0000, 2.2428,
0.0000

 187.1503,

 0.0000, 0.7432,

275.9905, 119.1492

0.0000

228.4834,
330.0672, 151.6232

■ 0.0000, 0.0000,
0.0000

■ 26.0945, 51.0564,
8.4795

■ 26.0945, 51.0564,
8.4795

■ 26.0948, 51.0581,
8.4799

■ 27.0634, 51.5408,
9.2773

■ 28.5624, 52.2781,
10.9511

■ 30.6825, 53.3105,
13.7850

■ 33.4855, 54.6664,
17.9387

■ 37.0255, 56.3709,
23.5467

■ 41.3508, 58.4463,
30.7271

■ 46.5058, 60.9130,
39.5859

■ 52.5313, 63.7901,
50.2196

■ 59.4654, 67.0953,
62.7178

Harmonies

Analogous

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



39.2036, 51.0564, 2.6628



26.0945, 51.0564, 8.4795



20.0715, 51.0564, 31.8117

Triad

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



26.0945, 51.0564, 8.4795



39.2969, 51.0564, 244.0145



95.8610, 51.0564, 31.6000

Complementary

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



26.0945, 51.0564, 8.4795



32.0854, 15.0639, 68.2372

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.



95.9064, 51.0564, 88.9866



26.0945, 51.0564, 8.4795



59.2238, 51.0564, 243.7934

Square

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



26.0945, 51.0564, 8.4795



26.1466, 51.0564, 175.5273



81.1228, 51.0564, 175.0427



81.0120, 51.0564, 8.4153

Rectangle

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



26.0945, 51.0564, 8.4795



19.4435, 51.0564, 65.9179



81.1228, 51.0564, 175.0427



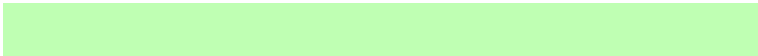
97.7182, 51.0564, 46.4045

Sweetspot

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



26.0957, 51.0585, 8.4806



65.4371, 85.8850, 55.5117



45.3064, 47.2441, 6.7319



13.3154, 18.0526, 10.6858



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.



26.0957, 51.0585, 8.4806



36.7586, 72.0348, 11.9667



26.4186, 51.0996, 14.1613



13.0904, 14.7113, 13.8752



15.5350, 30.3061, 5.0309



1.0701, 1.9962, 0.3289

Inverse Universe

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



32.0854, 15.0639, 68.2372



45.1850, 21.2086, 96.3199



34.6927, 17.2524, 30.2128



13.3874, 13.1578, 16.4863



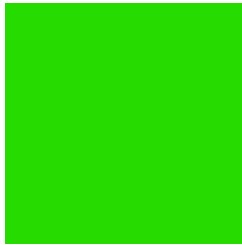
19.1044, 8.9729, 40.4634



1.2960, 0.6114, 2.6241

Previews

White Background



This preview shows how the XYZ color 26.0945, 51.0564, 8.4795 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 26.0945, 51.0564, 8.4795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

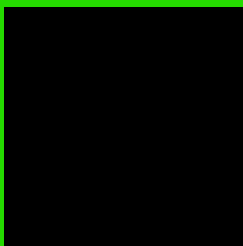
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

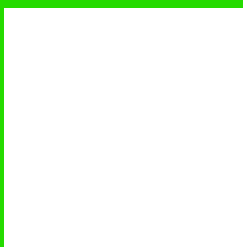
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0945, 51.0564, 8.4795

Background



This preview shows how black text looks on a background with the XYZ color 26.0945, 51.0564, 8.4795.



This preview shows how white text looks on a background with the XYZ color 26.0945, 51.0564,

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

26.0945, 51.0564, 8.4795

Protanopia

45.1346, 49.9635, 7.2651

Deuteranopia

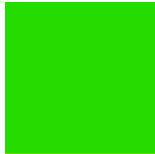
51.0256, 49.8789, 9.6276



Tritanopia

39.4409, 50.8944, 75.4550

Trichromacy



Original Color

26.0945, 51.0564, 8.4795



Protanomaly

32.6362, 47.1427, 7.3794



Deuteranomaly

34.6141, 46.1262, 8.3072



Tritanomaly

30.4357, 48.9902, 32.6629

Monochromacy



Original Color

26.0945, 51.0564, 8.4795



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

21.5847, 31.9808, 14.4865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0945, 51.0564, 8.4795 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(37, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 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(37, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 219, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.0945, 51.0564, 8.4795 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(37, 219, 0) }
```


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

```
.border{ border-color:rgb(37, 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(37, 219, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(37, 219, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.0945, 51.0564, 8.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 219, 0) }
```

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

```
.background{ background-color: rgb(37, 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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