

Converting Colors

XYZ(26.4507, 52.1155, 10.2033)

Have a look what the booklet for
XYZ(26.4507, 52.1155, 10.2033)
contains.

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Color

**XYZ(26.3589, 51.9386,
10.1493)**

Conversions

Conversions Part 1

Format	Color
Hex	10DD22
RGB	16, 221, 34
RGB Percent	6%, 87%, 13%
CMY	0.9373, 0.1333, 0.8666
CMYK	0.93, 0.00, 0.85, 0.13
HSL	125°, 86%, 46%
HSV	125°, 93%, 87%
XYZ	26.3589, 51.9386, 10.1493
YIQ	138.3870, -62.1530, -101.6170

Conversions

Conversions Part 2

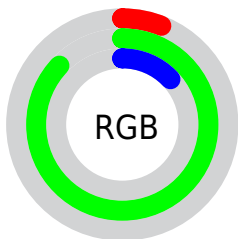
Format	Color
RYB	16, 204, 221
Decimal	1105186
CIELab	77.24, -75.85, 70.08
CIELCh	77, 103.273, 137.264
Yxy	51.9386, 0.2980, 0.5872
Android (android.graphics.Color)	4279295266 (0xFF10DD22)
YUV	138.3870, -51.4628, -107.3334
Hunter-Lab	72.0684, -60.8337, 42.0982

Details

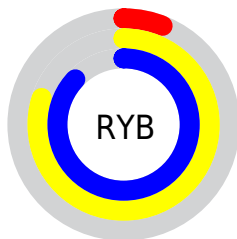
The XYZ color **26.3589, 51.9386, 10.1493** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.7841, 20.0549, 58.2175**, and the grayscale version is **24.5149, 25.7915, 28.0870**.

A 20% lighter version of the original color is **44.6467, 75.8466, 23.8420**, and **13.2755, 26.5509, 4.4252** is the 20% darker color. If you saturate the color by 10%, you get **25.9786, 51.7635, 9.2570**, and if you desaturate by 10%, it is **27.3304, 52.3970, 12.1842**.

Distribution



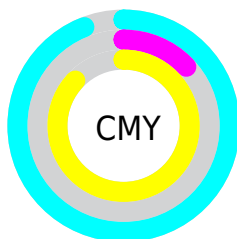
- Red (6%)
- Green (87%)
- Blue (13%)



- Red (6%)
- Yellow (80%)
- Blue (87%)



- Cyan (93%)
- Magenta (0%)
- Yellow (85%)
- Black (13%)




- Cyan (94%)
- Magenta (13%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3589, 51.9386, 10.1493 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 26.3589, 51.9386, 10.1493 by changing the saturation by 10% instead.


 26.3589, 51.9386,
10.1493


 26.3589, 51.9386,
10.1493


276.7640,
394.1995, 202.2577


 17.2264, 36.9561,
5.3912


 53.2806, 93.0407,
26.6881

 10.4924, 25.1735,
2.4158


 71.8004, 119.9291,
39.3059


 5.7914, 16.2064,
0.7950


 94.1802, 151.5549,
55.3807

 2.7581, 9.6703,
0.0000

 120.7851,
188.3026, 75.3309

 1.0272, 5.1809,
0.0000

 151.9806,
230.5565, 99.5752

 0.0000, 2.3538,
0.0000

 188.1320,

 0.0000, 0.8020,

278.7010, 128.5321

0.0000

229.6047,
333.1206, 162.6201

■ 0.0000, 0.0000,
0.0000

■ 26.3589, 51.9386,
10.1493

■ 26.3589, 51.9386,
10.1493

■ 25.9786, 51.7635,
9.2570

■ 27.3304, 52.3970,
12.1842

■ 28.9804, 53.1808,
15.2743

■ 31.4059, 54.3394,
19.5381

■ 34.6875, 55.9119,
25.0771

■ 38.8955, 57.9328,
31.9820

■ 44.0931, 60.4327,
40.3353

■ 50.3376, 63.4397,
50.2128

■ 57.6822, 66.9797,
61.6851

■ 66.1763, 71.0766,
74.8184

Harmonies

Analogous

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



38.9119, 51.9386, 3.2666



26.3589, 51.9386, 10.1493



20.7738, 51.9386, 35.7674

Triad

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



26.3589, 51.9386, 10.1493



41.4428, 51.9386, 243.3741



95.3523, 51.9386, 29.9829

Complementary

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



26.3589, 51.9386, 10.1493



40.7841, 20.0549, 58.2175

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.



96.5642, 51.9386, 84.1426



26.3589, 51.9386, 10.1493



61.5426, 51.9386, 237.5256

Square

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



26.3589, 51.9386, 10.1493



27.7829, 51.9386, 180.3082



82.9233, 51.9386, 167.4385



79.9555, 51.9386, 8.3328

Rectangle

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



26.3589, 51.9386, 10.1493



20.4215, 51.9386, 71.4817



82.9233, 51.9386, 167.4385



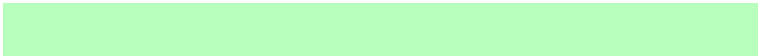
97.5543, 51.9386, 43.8614

Sweetspot

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



26.3601, 51.9408, 10.1505



64.7118, 85.3732, 61.7103



50.8311, 64.5786, 10.2761



13.0834, 17.9039, 11.9897



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.



26.3601, 51.9408, 10.1505



35.9087, 71.5795, 12.7032



30.4858, 53.5910, 31.8760



12.9327, 14.6247, 14.1088



15.1083, 30.0759, 5.4697



0.9952, 1.9550, 0.4407

Inverse Universe

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



40.7841, 20.0549, 58.2175



55.8905, 27.1202, 79.0786



32.3749, 16.6912, 13.9352



13.5625, 13.2541, 16.2232



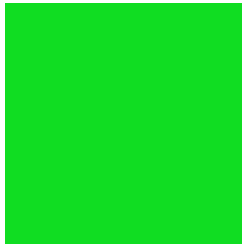
23.5081, 11.4043, 33.3851



1.5378, 0.7447, 2.2408

Previews

White Background



This preview shows how the XYZ color 26.3589, 51.9386, 10.1493 looks on a white background.

Color Contrast Check

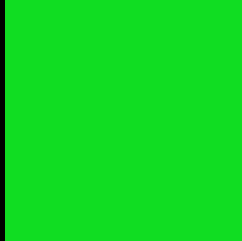
Large Text (above 18pt) WCAG AA × Fail

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 26.3589, 51.9386, 10.1493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

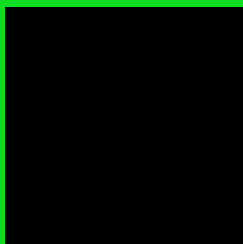
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3589, 51.9386, 10.1493

Background



This preview shows how black text looks on a background with the XYZ color 26.3589, 51.9386, 10.1493.



This preview shows how white text looks on a background with the XYZ color 26.3589, 51.9386,

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

26.3589, 51.9386, 10.1493

Protanopia

45.8136, 50.6115, 8.2741

Deuteranopia

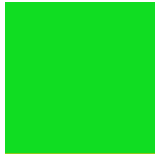
51.8089, 50.5502, 11.0295



Tritanopia

39.7703, 51.7437, 76.9987

Trichromacy



Original Color

26.3589, 51.9386, 10.1493



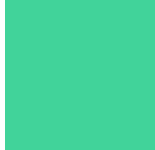
Protanomaly

32.0808, 47.5198, 8.5800



Deuteranomaly

33.7508, 45.9734, 10.0006



Tritanomaly

31.3070, 50.0454, 38.5815

Monochromacy



Original Color

26.3589, 51.9386, 10.1493



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

20.9190, 31.3050, 16.9965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3589, 51.9386, 10.1493 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(16, 221, 34)` looks like.

```
.text, #text, p{  
    color:rgb(16, 221, 34)  
}
```

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(16, 221, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 221, 34) }
```

Border

The CSS property to change the border of an element to XYZ 26.3589, 51.9386, 10.1493 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(16, 221, 34) }
```


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

```
.border{ border-color:rgb(16, 221, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 221, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 221, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 221, 34);  
box-shadow:4px 4px 4px 4px rgb(16, 221,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3589, 51.9386, 10.1493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 221, 34) }
```

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

```
.background{ background-color: rgb(16, 221,  
34) }
```

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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