

Converting Colors

XYZ(26.4087, 51.2539, 12.2460)

Have a look what the booklet for
XYZ(26.4087, 51.2539, 12.2460)
contains.

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Color

**XYZ(26.3338, 51.0973,
12.2162)**

Conversions

Conversions Part 1

Format	Color
Hex	14DB38
RGB	20, 219, 56
RGB Percent	8%, 86%, 22%
CMY	0.9216, 0.1412, 0.7804
CMYK	0.91, 0.00, 0.74, 0.14
HSL	131°, 83%, 47%
HSV	131°, 91%, 86%
XYZ	26.3338, 51.0973, 12.2162
YIQ	140.9170, -66.2810, -92.8810

Conversions

Conversions Part 2

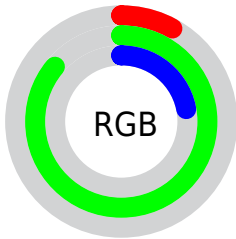
Format	Color
RYB	20, 189, 219
Decimal	1366840
CIELab	76.74, -73.77, 63.43
CIELCh	77, 97.294, 139.311
Yxy	51.0973, 0.2937, 0.5700
Android (android.graphics.Color)	4279556920 (0xFF14DB38)
YUV	140.9170, -41.8641, -106.0442
Hunter-Lab	71.4824, -59.3355, 39.9051

Details

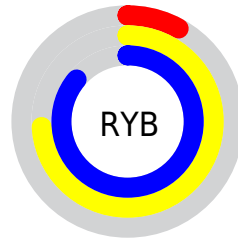
The XYZ color **26.3338, 51.0973, 12.2162** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **38.0118, 18.9798, 46.4586**, and the grayscale version is **25.4636, 26.7896, 29.1739**.

A 20% lighter version of the original color is **45.4227, 76.1570, 27.9285**, and **12.9203, 25.8407, 4.3068** is the 20% darker color. If you saturate the color by 10%, you get **25.7092, 50.8158, 10.4276**, and if you desaturate by 10%, it is **27.5175, 51.6489, 14.9876**.

Distribution



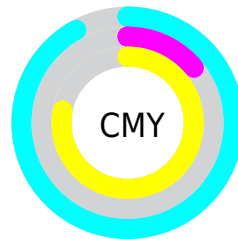
- Red (8%)
- Green (86%)
- Blue (22%)



- Red (8%)
- Yellow (74%)
- Blue (86%)



- Cyan (91%)
- Magenta (0%)
- Yellow (74%)
- Black (14%)





- Cyan (92%)
- Magenta (14%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3338, 51.0973, 12.2162 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 26.3338, 51.0973, 12.2162 by changing the saturation by 10% instead.


 26.3338, 51.0973,
12.2162


 26.3338, 51.0973,
12.2162


276.6436,
390.9417, 216.8598


 17.2075, 36.2860,
6.7668


 53.2404, 91.7986,
30.5585

 10.4788, 24.6552,
3.2404


 71.7515, 118.4574,
44.2885


 5.7822, 15.8204,
1.2187


 94.1215, 149.8342,
61.6158

 2.7525, 9.3971,
0.0000

 120.7159,
186.3134, 82.9588

 1.0243, 5.0011,
0.0000

 151.8999,
228.2793, 108.7362

 0.0000, 2.2479,
0.0000

188.0389,

 0.0000, 0.7459,

276.1164, 139.3665

0.0000

229.4984,
330.2091, 175.2682

■ 0.0000, 0.0000,
0.0000

■ 26.3338, 51.0973,
12.2162

■ 26.3338, 51.0973,
12.2162

■ 25.7092, 50.8158,
10.4276

■ 27.5175, 51.6489,
14.9876

■ 29.3606, 52.5191,
18.6879

■ 31.9475, 53.7513,
23.3917

■ 35.3489, 55.3805,
29.1650

■ 39.6269, 57.4375,
36.0682

■ 44.8377, 59.9501,
44.1571

■ 51.0325, 62.9436,
53.4839

■ 58.2589, 66.4415,
64.0975

■ 66.5613, 70.4658,
76.0443

Harmonies

Analogous

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



37.7576, 51.0973, 4.2933



26.3338, 51.0973, 12.2162



21.3890, 51.0973, 38.8447

Triad

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



26.3338, 51.0973, 12.2162



42.2814, 51.0973, 227.0061



90.3105, 51.0973, 28.3548

Complementary

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



26.3338, 51.0973, 12.2162



38.0118, 18.9798, 46.4586

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.



92.4133, 51.0973, 76.6800



26.3338, 51.0973, 12.2162



61.2632, 51.0973, 217.0639

Square

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



26.3338, 51.0973, 12.2162



28.9210, 51.0973, 173.6456



80.7248, 51.0973, 151.5922



75.5495, 51.0973, 8.6928

Rectangle

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



26.3338, 51.0973, 12.2162



21.3034, 51.0973, 73.7395



80.7248, 51.0973, 151.5922



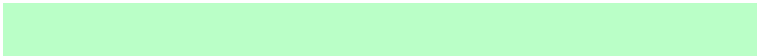
92.6409, 51.0973, 40.7686

Sweetspot

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



26.3350, 51.0994, 12.2174



66.3094, 86.0832, 66.9148



45.6689, 61.1343, 10.0549



13.5807, 18.1297, 13.3926



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.



26.3350, 51.0994, 12.2174



36.2559, 71.7183, 14.5312



31.3435, 53.1028, 38.5919



12.9822, 14.6445, 14.3695



15.2727, 30.1417, 6.3353



1.0186, 1.9644, 0.5640

Inverse Universe

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



38.0118, 18.9798, 46.4586



52.7316, 25.8566, 62.4439



31.1580, 16.2383, 10.3671



13.5080, 13.2323, 15.9365



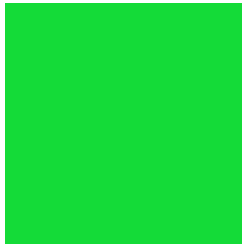
22.2066, 10.8837, 26.5319



1.4656, 0.7159, 1.8606

Previews

White Background



This preview shows how the XYZ color 26.3338, 51.0973, 12.2162 looks on a white background.

Color Contrast Check

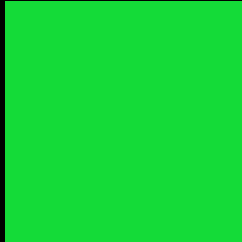
Large Text (above 18pt) WCAG AA × Fail

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 26.3338, 51.0973, 12.2162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

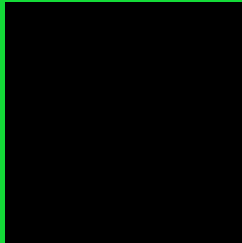
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3338, 51.0973, 12.2162

Background



This preview shows how black text looks on a background with the XYZ color 26.3338, 51.0973, 12.2162.



This preview shows how white text looks on a background with the XYZ color 26.3338, 51.0973,

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

26.3338, 51.0973, 12.2162

Protanopia

45.3807, 50.0287, 10.0610

Deuteranopia

51.0218, 49.8011, 13.0543



Tritanopia

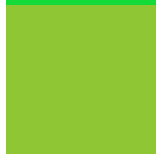
39.0576, 50.6815, 76.1306

Trichromacy



Original Color

26.3338, 51.0973, 12.2162



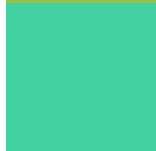
Protanomaly

32.1763, 46.8366, 10.4765



Deuteranomaly

33.7636, 45.6012, 12.1766



Tritanomaly

31.4803, 49.3324, 41.5811

Monochromacy



Original Color

26.3338, 51.0973, 12.2162



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

21.9322, 32.0431, 19.7808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3338, 51.0973, 12.2162 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(20, 219, 56)` looks like.

```
.text, #text, p{  
    color:rgb(20, 219, 56)  
}
```

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(20, 219, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 219, 56) }
```

Border

The CSS property to change the border of an element to XYZ 26.3338, 51.0973, 12.2162 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(20, 219, 56) }
```


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

```
.border{ border-color:rgb(20, 219, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 219, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 219, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 219, 56);  
box-shadow:4px 4px 4px 4px rgb(20, 219,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3338, 51.0973, 12.2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 219, 56) }
```

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

```
.background{ background-color: rgb(20, 219,  
56) }
```

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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