

Converting Colors

XYZ(26.6740, 52.5357, 10.4077)

Have a look what the booklet for
XYZ(26.6740, 52.5357, 10.4077)
contains.

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Color

**XYZ(26.6367, 52.4715,
10.3932)**

Conversions

Conversions Part 1

Format	Color
Hex	0FDE24
RGB	15, 222, 36
RGB Percent	6%, 87%, 14%
CMY	0.9412, 0.1294, 0.8588
CMYK	0.93, 0.00, 0.84, 0.13
HSL	126°, 87%, 46%
HSV	126°, 93%, 87%
XYZ	26.6367, 52.4715, 10.3932
YIQ	138.9030, -63.6660, -101.7300

Conversions

Conversions Part 2

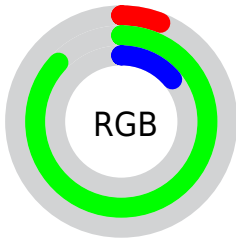
Format	Color
RYB	15, 203, 222
Decimal	1039908
CIELab	77.56, -76.08, 69.91
CIELCh	78, 103.324, 137.420
Yxy	52.4715, 0.2976, 0.5863
Android (android.graphics.Color)	4279229988 (0xFF0FDE24)
YUV	138.9030, -50.7312, -108.6629
Hunter-Lab	72.4372, -61.1269, 42.1992

Details

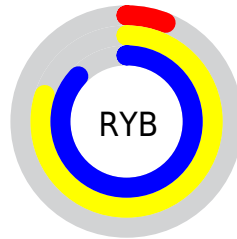
The XYZ color **26.6367, 52.4715, 10.3932** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.8380, 20.0885, 56.9787**, and the grayscale version is **24.7112, 25.9981, 28.3119**.

A 20% lighter version of the original color is **44.6942, 75.8656, 24.0923**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **26.2724, 52.3047, 9.4975**, and if you desaturate by 10%, it is **27.6052, 52.9268, 12.4969**.

Distribution



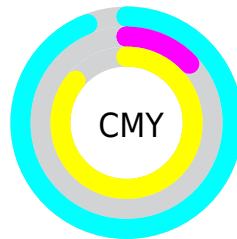
- Red (6%)
- Green (87%)
- Blue (14%)



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



- Cyan (93%)
- Magenta (0%)
- Yellow (84%)
- Black (13%)





- Cyan (94%)
- Magenta (13%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6367, 52.4715, 10.3932 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 26.6367, 52.4715, 10.3932 by changing the saturation by 10% instead.


 26.6367, 52.4715,
10.3932


 26.6367, 52.4715,
10.3932


278.0935,
396.2542, 204.0415


 17.4357, 37.3810,
5.5514


 53.7243, 93.8262,
27.1518


 10.6429, 25.5026,
2.5100


 72.3417, 120.8593,
39.9057


 5.8927, 16.4519,
0.8454


 94.8287, 152.6420,
56.1340

 2.8200, 9.8445,
0.0000

 121.5505,
189.5588, 76.2554

 1.0593, 5.2960,
0.0000

 152.8725,
231.9940, 100.6883

 0.0000, 2.4220,
0.0000

 189.1601,

 0.0000, 0.8372,

280.3320, 129.8512

0.0000

230.7786,
334.9573, 164.1628

■ 0.0000, 0.0000,
0.0000

■ 26.6367, 52.4715,
10.3932

■ 26.6367, 52.4715,
10.3932

■ 26.2724, 52.3047,
9.4975


■ 27.6052, 52.9268,
12.4969

■ 29.2509, 53.7072,
15.6449


■ 31.6718, 54.8624,
19.9508


■ 34.9488, 56.4321,
25.5121

■ 39.1525, 58.4507,
32.4164

 44.3463, 60.9493,
40.7432

 50.5877, 63.9559,
50.5660

 57.9301, 67.4966,
61.9530

 66.4231, 71.5956,
74.9684

Harmonies

Analogous

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



39.2543, 52.4715, 3.3594



26.6367, 52.4715, 10.3932



21.0353, 52.4715, 36.4023

Triad

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



26.6367, 52.4715, 10.3932



41.9809, 52.4715, 245.2199



96.1170, 52.4715, 30.1656

Complementary

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



26.6367, 52.4715, 10.3932



40.8380, 20.0885, 56.9787

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.



97.4205, 52.4715, 84.5341



26.6367, 52.4715, 10.3932



62.2513, 52.4715, 238.9366

Square

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



26.6367, 52.4715, 10.3932



28.1722, 52.4715, 182.0889



83.7583, 52.4715, 168.2564



80.5654, 52.4715, 8.4273

Rectangle

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



26.6367, 52.4715, 10.3932



20.7001, 52.4715, 72.5155



83.7583, 52.4715, 168.2564



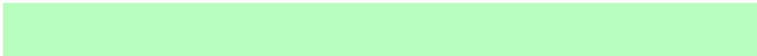
98.3599, 52.4715, 44.0951

Sweetspot

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



26.6379, 52.4737, 10.3944



64.8186, 85.4159, 62.2728



50.3776, 64.7388, 10.2925



13.1080, 17.9137, 12.1193



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.



26.6379, 52.4737, 10.3944



35.9452, 71.5941, 12.8950



30.9943, 54.2162, 33.3347



13.5850, 15.3597, 14.8500



15.6236, 31.0743, 5.7408



1.1024, 2.1617, 0.5004

Inverse Universe

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



40.8380, 20.0885, 56.9787



55.3992, 26.9237, 76.4911



32.4915, 16.7499, 13.0266



14.2319, 13.9104, 16.9915



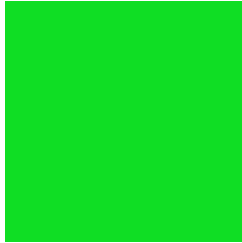
24.0725, 11.6960, 33.3774



1.6861, 0.8177, 2.4060

Previews

White Background



This preview shows how the XYZ color 26.6367, 52.4715, 10.3932 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 26.6367, 52.4715, 10.3932 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 26.6367, 52.4715, 10.3932

Background



This preview shows how black text looks on a background with the XYZ color 26.6367, 52.4715, 10.3932.



This preview shows how white text looks on a background with the XYZ color 26.6367, 52.4715,

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

26.6367, 52.4715, 10.3932

Protanopia

46.3428, 51.2022, 8.4774

Deuteranopia

52.3706, 51.1354, 11.2476



Tritanopia

40.1463, 52.2805, 77.7873

Trichromacy



Original Color

26.6367, 52.4715, 10.3932



Protanomaly

32.5102, 48.0856, 8.7963



Deuteranomaly

34.0173, 46.4373, 10.3024



Tritanomaly

31.6399, 50.5773, 39.1052

Monochromacy



Original Color

26.6367, 52.4715, 10.3932



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

21.2023, 31.7149, 17.5745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6367, 52.4715, 10.3932 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(15, 222, 36)` looks like.

```
.text, #text, p{  
    color:rgb(15, 222, 36)  
}
```

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(15, 222, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 222, 36) }
```

Border

The CSS property to change the border of an element to XYZ 26.6367, 52.4715, 10.3932 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(15, 222, 36) }
```


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

```
.border{ border-color:rgb(15, 222, 36) }
```

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

Here you see how a box with a 4 pixel rgb(15, 222, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 222, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 222, 36);  
box-shadow:4px 4px 4px 4px rgb(15, 222,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6367, 52.4715, 10.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 222, 36) }
```

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

```
.background{ background-color: rgb(15, 222,  
36) }
```

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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