

Converting Colors

XYZ(26.4952, 52.3617, 9.3706)

Have a look what the booklet for
XYZ(26.4952, 52.3617, 9.3706)
contains.

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Color

**XYZ(26.5360, 52.4418,
9.3855)**

Conversions

Conversions Part 1

Format	Color
Hex	14DE14
RGB	20, 222, 20
RGB Percent	8%, 87%, 8%
CMY	0.9216, 0.1294, 0.9215
CMYK	0.91, 0.00, 0.91, 0.13
HSL	120°, 83%, 47%
HSV	120°, 91%, 87%
XYZ	26.5360, 52.4418, 9.3855
YIQ	138.5740, -55.5500, -105.6460

Conversions

Conversions Part 2

Format	Color
RYB	20, 222, 222
Decimal	1367572
CIELab	77.54, -76.42, 72.94
CIELCh	78, 105.637, 136.336
Yxy	52.4418, 0.3003, 0.5935
Android (android.graphics.Color)	4279557652 (0xFF14DE14)
YUV	138.5740, -58.4570, -103.9894
Hunter-Lab	72.4167, -61.3206, 43.0075

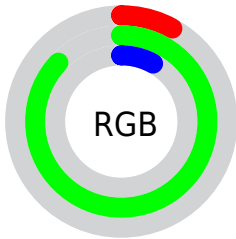
Details

The XYZ color **26.5360, 52.4418, 9.3855** 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 **43.5582, 21.3035, 70.9123**, and the grayscale version is **24.6110, 25.8927, 28.1971**.

A 20% lighter version of the original color is **44.5878, 75.8527, 22.1886**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **26.1225, 52.2448, 8.7081**, and if you desaturate by 10%, it is **27.5071, 52.9099, 10.9736**.

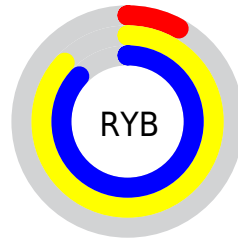
Distribution



Red (8%)

Green (87%)

Blue (8%)



Red (8%)

Yellow (87%)

Blue (87%)

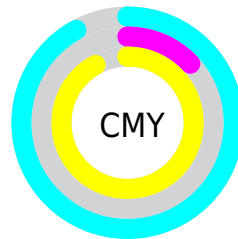


Cyan (91%)

Magenta (0%)

Yellow (91%)

Black (13%)



Cyan (92%)


Magenta (13%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5360, 52.4418, 9.3855 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 26.5360, 52.4418, 9.3855 by changing the saturation by 10% instead.


 26.5360, 52.4418,
9.3855


 26.5360, 52.4418,
9.3855


277.6121,
396.1398, 196.5510


 17.3598, 37.3573,
4.8932


 53.5636, 93.7825,
25.2226


 10.5883, 25.4843,
2.1271


 72.1457, 120.8075,
37.4045


 5.8559, 16.4382,
0.6318


 94.5938, 152.5815,
52.9867

 2.7975, 9.8348,
0.0000

 121.2733,
189.4888, 72.3877

 1.0476, 5.2896,
0.0000

 152.5495,
231.9139, 96.0261

 0.0000, 2.4181,
0.0000

 188.7878,

 0.0000, 0.8352,

280.2412, 124.3204

0.0000

230.3536,
334.8551, 157.6892

■ 0.0000, 0.0000,
0.0000

■ 26.5360, 52.4418,
9.3855

■ 26.5360, 52.4418,
9.3855

■ 26.1225, 52.2448,
8.7081

■ 27.5071, 52.9099,
10.9736

■ 29.1999, 53.7230,
13.7430

■ 31.7200, 54.9335,
17.8654

■ 35.1545, 56.5832,
23.4833

■ 39.5797, 58.7089,
30.7216

■ 45.0639, 61.3432,
39.6919

■ 51.6693, 64.5161,
50.4959

■ 59.4533, 68.2552,
63.2274

■ 68.4694, 72.5861,
77.9741

Harmonies

Analogous

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



39.6174, 52.4418, 2.9267



26.5360, 52.4418, 9.3855



20.6454, 52.4418, 34.4848

Triad

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



26.5360, 52.4418, 9.3855



41.1506, 52.4418, 250.2304



97.6834, 52.4418, 30.9993

Complementary

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



26.5360, 52.4418, 9.3855



43.5582, 21.3035, 70.9123

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.



98.4256, 52.4418, 87.9177



26.5360, 52.4418, 9.3855



61.6953, 52.4418, 246.6224

Square

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



26.5360, 52.4418, 9.3855



27.3934, 52.4418, 182.7947



83.8950, 52.4418, 174.8777



82.0809, 52.4418, 8.3188

Rectangle

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



26.5360, 52.4418, 9.3855



20.1660, 52.4418, 70.3983



83.8950, 52.4418, 174.8777



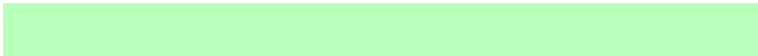
99.8006, 52.4418, 45.5920

Sweetspot

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



26.5372, 52.4440, 9.3867



64.9258, 85.5297, 59.6288



56.3740, 67.8254, 10.7821



13.2649, 18.0033, 11.7294



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.



26.5372, 52.4440, 9.3867



35.7601, 71.5201, 11.9207



29.8620, 53.7739, 26.8949



13.5289, 15.3373, 14.5544



15.5156, 31.0311, 5.1723



1.0755, 2.1509, 0.3586

Inverse Universe

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



43.5582, 21.3035, 70.9123



59.2859, 28.4784, 96.9586



33.8268, 17.4110, 19.6672



14.2950, 13.9356, 17.3238



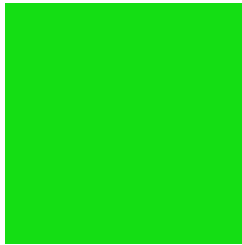
25.7230, 12.3562, 42.0686



1.7830, 0.8565, 2.9161

Previews

White Background



This preview shows how the XYZ color 26.5360, 52.4418, 9.3855 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 26.5360, 52.4418, 9.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

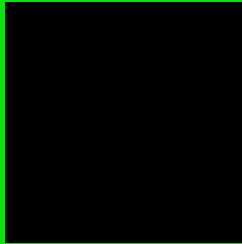
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5360, 52.4418, 9.3855

Background



This preview shows how black text looks on a background with the XYZ color 26.5360, 52.4418, 9.3855.



This preview shows how white text looks on a background with the XYZ color 26.5360, 52.4418,

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

26.5360, 52.4418, 9.3855

Protanopia

46.1450, 51.1231, 7.4356

Deuteranopia

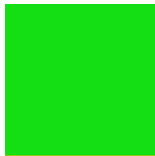
52.1787, 51.0587, 10.2372



Tritanopia

40.0067, 51.8500, 77.7115

Trichromacy



Original Color

26.5360, 52.4418, 9.3855



Protanomaly

32.4866, 48.0960, 7.7723



Deuteranomaly

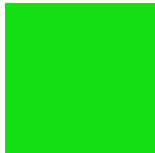
34.1962, 46.5543, 9.1910



Tritanomaly

31.2830, 50.4502, 36.5228

Monochromacy



Original Color

26.5360, 52.4418, 9.3855



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

21.1232, 31.7073, 16.0731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5360, 52.4418, 9.3855 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, 222, 20)` looks like.

```
.text, #text, p{  
    color:rgb(20, 222, 20)  
}
```

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, 222, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 222, 20) }
```

Border

The CSS property to change the border of an element to XYZ 26.5360, 52.4418, 9.3855 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, 222, 20) }
```


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

```
.border{ border-color:rgb(20, 222, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 222, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 222, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 222, 20);  
box-shadow:4px 4px 4px 4px rgb(20, 222,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5360, 52.4418, 9.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 222, 20) }
```

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

```
.background{ background-color: rgb(20, 222,  
20) }
```

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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