

Converting Colors

XYZ(26.5161, 52.5364, 9.3404)

Have a look what the booklet for
XYZ(26.5161, 52.5364, 9.3404)
contains.

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Color

**XYZ(26.4525, 52.3997,
9.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	10DE13
RGB	16, 222, 19
RGB Percent	6%, 87%, 7%
CMY	0.9373, 0.1294, 0.9254
CMYK	0.93, 0.00, 0.91, 0.13
HSL	121°, 87%, 47%
HSV	121°, 93%, 87%
XYZ	26.4525, 52.3997, 9.3361
YIQ	137.2640, -57.6130, -106.8050

Conversions

Conversions Part 2

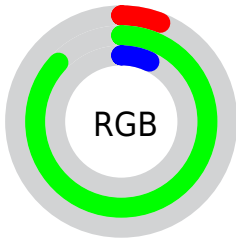
Format	Color
RYB	16, 219, 222
Decimal	1105427
CIELab	77.52, -76.65, 73.05
CIELCh	78, 105.885, 136.380
Yxy	52.3997, 0.3000, 0.5942
Android (android.graphics.Color)	4279295507 (0xFF10DE13)
YUV	137.2640, -58.3042, -106.3485
Hunter-Lab	72.3876, -61.4494, 43.0245

Details

The XYZ color **26.4525, 52.3997, 9.3361** 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 **43.0949, 21.0145, 68.7924**, and the grayscale version is **24.1094, 25.3649, 27.6224**.

A 20% lighter version of the original color is **44.4584, 75.7860, 22.1825**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **26.1401, 52.2518, 8.8013**, and if you desaturate by 10%, it is **27.3275, 52.8199, 10.8431**.

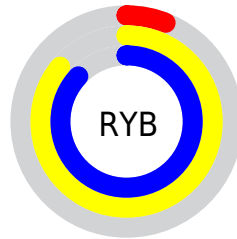
Distribution



Red (6%)

Green (87%)

Blue (7%)



Red (6%)

Yellow (86%)

Blue (87%)

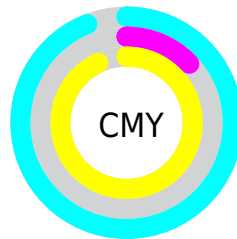


Cyan (93%)

Magenta (0%)

Yellow (91%)

Black (13%)



Cyan (94%)

Magenta (13%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4525, 52.3997, 9.3361 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 26.4525, 52.3997, 9.3361 by changing the saturation by 10% instead.

■ 26.4525, 52.3997,
9.3361

■ 26.4525, 52.3997,
9.3361

277.2125,
395.9777, 196.1752

■ 17.2969, 37.3238,
4.8613

■ 53.4302, 93.7204,
25.1270

■ 10.5430, 25.4583,
2.1088

■ 71.9829, 120.7340,
37.2802

■ 5.8255, 16.4188,
0.6210

■ 94.3988, 152.4957,
52.8299

■ 2.7789, 9.8210,
0.0000

■ 121.0432,
189.3897, 72.1947

■ 1.0379, 5.2804,
0.0000

■ 152.2814,
231.8005, 95.7931

■ 0.0000, 2.4127,
0.0000

■ 188.4788,

■ 0.0000, 0.8324,

280.1125, 124.0436

0.0000

230.0007,
334.7101, 157.3648

■ 0.0000, 0.0000,
0.0000

■ 26.4525, 52.3997,
9.3361

■ 26.4525, 52.3997,
9.3361

■ 26.1401, 52.2518,
8.8013

■ 27.3275, 52.8199,
10.8431

■ 28.9009, 53.5741,
13.4865

■ 31.2801, 54.7158,
17.4330

■ 34.5534, 56.2874,
22.8212

■ 38.7974, 58.3258,
29.7717

■ 44.0806, 60.8640,
38.3928

■ 50.4652, 63.9320,
48.7830

■ 58.0087, 67.5575,
61.0331

■ 66.7644, 71.7662,
75.2279

Harmonies

Analogous

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



39.5361, 52.3997, 2.8891



26.4525, 52.3997, 9.3361



20.5698, 52.3997, 34.4676

Triad

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



26.4525, 52.3997, 9.3361



41.1220, 52.3997, 250.8469



97.7454, 52.3997, 30.8646

Complementary

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



26.4525, 52.3997, 9.3361



43.0949, 21.0145, 68.7924

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.



98.5142, 52.3997, 87.8276



26.4525, 52.3997, 9.3361



61.7122, 52.3997, 247.1058

Square

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



26.4525, 52.3997, 9.3361



27.3387, 52.3997, 183.2381



83.9619, 52.3997, 175.0322



82.0830, 52.3997, 8.2372

Rectangle

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



26.4525, 52.3997, 9.3361



20.0961, 52.3997, 70.4776



83.9619, 52.3997, 175.0322



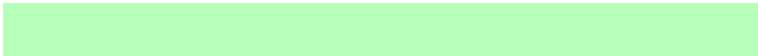
99.8767, 52.3997, 45.4539

Sweetspot

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



26.4537, 52.4019, 9.3373



64.1511, 85.1489, 58.7577



56.3412, 67.8123, 10.6098



12.9549, 17.8524, 11.3127



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.



26.4537, 52.4019, 9.3373



35.7805, 71.5282, 12.0278



29.6659, 53.6868, 26.2525



13.5369, 15.3405, 14.5966



15.5297, 31.0367, 5.2462



1.0793, 2.1525, 0.3790

Inverse Universe

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



43.0949, 21.0145, 68.7924



58.6941, 28.2416, 93.8421



33.6406, 17.2328, 19.0067



14.2859, 13.9320, 17.2758



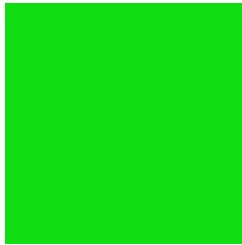
25.4720, 12.2558, 40.7470



1.7684, 0.8506, 2.8392

Previews

White Background



This preview shows how the XYZ color 26.4525, 52.3997, 9.3361 looks on a white background.

Color Contrast Check

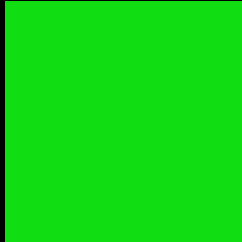
Large Text (above 18pt) WCAG AA × Fail

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 26.4525, 52.3997, 9.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

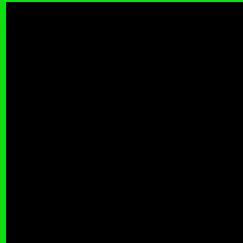
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4525, 52.3997, 9.3361

Background



This preview shows how black text looks on a background with the XYZ color 26.4525, 52.3997, 9.3361.



This preview shows how white text looks on a background with the XYZ color 26.4525, 52.3997,

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

26.4525, 52.3997, 9.3361

Protanopia

46.1450, 51.1231, 7.4356

Deuteranopia

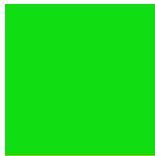
52.1787, 51.0587, 10.2372



Tritanopia

40.0067, 51.8500, 77.7115

Trichromacy



Original Color

26.4525, 52.3997, 9.3361



Protanomaly

32.3142, 48.0072, 7.7642



Deuteranomaly

33.7859, 46.3448, 9.0842



Tritanomaly

31.2151, 50.4151, 36.5197

Monochromacy



Original Color

26.4525, 52.3997, 9.3361



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

20.5372, 31.1406, 15.5180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4525, 52.3997, 9.3361 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, 222, 19)` looks like.

```
.text, #text, p{  
    color:rgb(16, 222, 19)  
}
```

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, 222, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 222, 19) }
```

Border

The CSS property to change the border of an element to XYZ 26.4525, 52.3997, 9.3361 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, 222, 19) }
```


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

```
.border{ border-color:rgb(16, 222, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 222, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 222, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 222, 19);  
box-shadow:4px 4px 4px 4px rgb(16, 222,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4525, 52.3997, 9.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 222, 19) }
```

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

```
.background{ background-color: rgb(16, 222,  
19) }
```

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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