

Converting Colors

XYZ(13.3755, 26.3267, 4.8859)

Have a look what the booklet for
XYZ(13.3755, 26.3267, 4.8859)
contains.

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Color

**XYZ(13.3718, 26.3252,
4.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	0EA310
RGB	14, 163, 16
RGB Percent	5%, 64%, 6%
CMY	0.9451, 0.3608, 0.9372
CMYK	0.91, 0.00, 0.90, 0.36
HSL	121°, 84%, 35%
HSV	121°, 91%, 64%
XYZ	13.3718, 26.3252, 4.8667
YIQ	101.6910, -41.6170, -77.3050

Conversions

Conversions Part 2

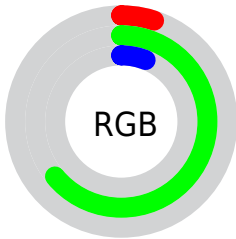
Format	Color
R_{YB}	14, 161, 163
Decimal	959248
CIE _{Lab}	58.34, -60.40, 57.20
CIE _{LCh}	58, 83.190, 136.558
Yxy	26.3252, 0.3001, 0.5907
Android (android.graphics.Color)	4279149328 (0xFF0EA310)
YUV	101.6910, -42.2457, -76.9050
Hunter-Lab	51.3081, -43.2689, 30.2919

Details

The XYZ color **13.3718, 26.3252, 4.8667** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **21.6940, 10.6737, 34.6303**, and the grayscale version is **12.6636, 13.3231, 14.5089**.

A 20% lighter version of the original color is **31.5305, 53.6999, 15.9110**, and **5.5759, 11.1519, 1.8586** is the 20% darker color. If you saturate the color by 10%, you get **13.1098, 26.2003, 4.4295**, and if you desaturate by 10%, it is **13.9038, 26.5808, 5.7707**.

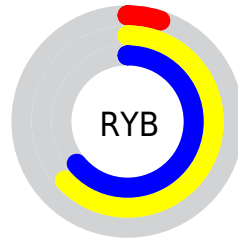
Distribution



Red (5%)

Green (64%)

Blue (6%)



Red (5%)

Yellow (63%)

Blue (64%)

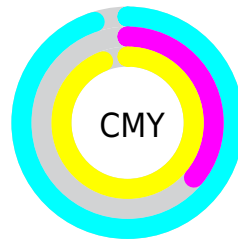


Cyan (91%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (95%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3718, 26.3252, 4.8667 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 13.3718, 26.3252, 4.8667 by changing the saturation by 10% instead.

■ 13.3718, 26.3252,
4.8667

■ 13.3718, 26.3252,
4.8667

206.8767,
284.3748, 157.4201

■ 7.7638, 17.0671,
2.1119

■ 31.5658, 53.7991,
15.9639

■ 3.9947, 10.2823,
0.6228

■ 44.8825, 72.7837,
25.1433

■ 1.6992, 5.5866,
0.0000

■ 61.4996, 95.7792,
37.3014

■ 0.4557, 2.5953,
0.0000

■ 81.7823, 123.1701,
52.8566


■ 0.0000, 0.9243,
0.0000


■ 106.0960,
155.3407, 72.2276


■ 0.0000, 0.0000,
0.0000


■ 134.8061,


192.6754, 95.8328


 168.2779,
235.5587, 124.0908


 13.3718, 26.3252,
4.8667


 13.3718, 26.3252,
4.8667


 13.1098, 26.2003,
4.4295

 13.9038, 26.5808,
5.7707

 14.7886, 27.0051,
7.2478

 16.0737, 27.6219,
9.3723

 17.7989, 28.4504,
12.2069

 19.9993, 29.5073,
15.8071

■ 22.7063, 30.8079,
20.2226

■ 25.9487, 32.3660,
25.4992

■ 29.7532, 34.1944,
31.6791

■ 34.1445, 36.3051,
38.8018

Harmonies

Analogous

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



19.8685, 26.3252, 1.5470



13.3718, 26.3252, 4.8667



10.4510, 26.3252, 17.5494

Triad

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



13.3718, 26.3252, 4.8667



20.7594, 26.3252, 124.4160



48.7334, 26.3252, 15.5190

Complementary

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



13.3718, 26.3252, 4.8667



21.6940, 10.6737, 34.6303

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.



49.1625, 26.3252, 43.6922



13.3718, 26.3252, 4.8667



30.9959, 26.3252, 122.3371

Square

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



13.3718, 26.3252, 4.8667



13.8715, 26.3252, 91.2792



42.0047, 26.3252, 86.7115



40.9549, 26.3252, 4.2378

Rectangle

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



13.3718, 26.3252, 4.8667



10.2256, 26.3252, 35.5221



42.0047, 26.3252, 86.7115



49.8026, 26.3252, 22.7502

Sweetspot

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



13.3724, 26.3263, 4.8673



42.8184, 56.2077, 39.7247



28.2819, 34.0141, 5.4901



9.2150, 12.4309, 8.2678



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.3724, 26.3263, 4.8673



23.4717, 46.9184, 7.9012



15.0610, 27.0017, 13.7595



6.9893, 7.8965, 7.5552



10.1897, 20.3622, 3.4496



0.2152, 0.4283, 0.0783

Inverse Universe

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



21.6940, 10.6737, 34.6303



38.5332, 18.5381, 61.7328



17.0441, 8.8137, 10.1444



7.3602, 7.2005, 8.8831



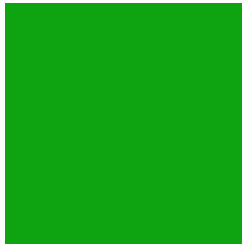
16.7261, 8.0465, 26.8118



0.3527, 0.1696, 0.5698

Previews

White Background



This preview shows how the XYZ color 13.3718, 26.3252, 4.8667 looks on a white background.

Color Contrast Check

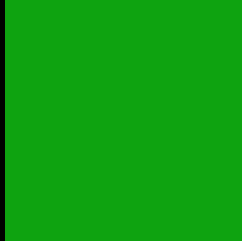
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.3718, 26.3252, 4.8667 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 × Fail

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

XYZ 13.3718, 26.3252, 4.8667

Background



This preview shows how black text looks on a background with the XYZ color 13.3718, 26.3252, 4.8667.



This preview shows how white text looks on a background with the XYZ color 13.3718, 26.3252,

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

13.3718, 26.3252, 4.8667

Protanopia

23.2827, 25.9243, 3.7768

Deuteranopia

26.2803, 25.7564, 5.4201



Tritanopia

20.3833, 26.4020, 39.1437

Trichromacy



Original Color

13.3718, 26.3252, 4.8667



Protanomaly

16.4485, 24.1962, 3.9757



Deuteranomaly

17.2593, 23.4517, 4.8453



Tritanomaly

15.9696, 25.5557, 18.8429

Monochromacy



Original Color

13.3718, 26.3252, 4.8667



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

10.8708, 16.1723, 8.5099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3718, 26.3252, 4.8667 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(14, 163, 16)` looks like.

```
.text, #text, p{  
    color:rgb(14, 163, 16)  
}
```

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(14, 163, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 163, 16) }
```

Border

The CSS property to change the border of an element to XYZ 13.3718, 26.3252, 4.8667 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(14, 163, 16) }
```


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

```
.border{ border-color:rgb(14, 163, 16) }
```

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

Here you see how a box with a 4 pixel rgb(14, 163, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 163, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 163, 16);  
box-shadow:4px 4px 4px 4px rgb(14, 163,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3718, 26.3252, 4.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 163, 16) }
```

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

```
.background{ background-color: rgb(14, 163,  
16) }
```

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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