

Converting Colors

XYZ(8.2969, 23.0593, 10.2286)

Have a look what the booklet for
XYZ(8.2969, 23.0593, 10.2286)
contains.

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Color

**XYZ(13.9146, 25.9576,
10.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	00A148
RGB	0, 161, 72
RGB Percent	0%, 63%, 28%
CMY	1.0000, 0.3686, 0.7176
CMYK	1.00, 0.00, 0.55, 0.37
HSL	147°, 100%, 32%
HSV	147°, 100%, 63%
XYZ	13.9146, 25.9576, 10.4078
YIQ	102.7150, -67.3870, -61.8110

Conversions

Conversions Part 2

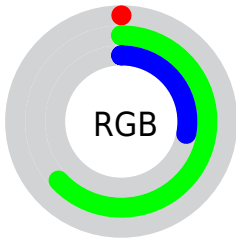
Format	Color
RYB	0, 111, 161
Decimal	41288
CIELab	58.00, -55.43, 36.14
CIELCh	58, 66.169, 146.900
Yxy	25.9576, 0.2767, 0.5163
Android (android.graphics.Color)	4278231368 (0xFF00A148)
YUV	102.7150, -15.1425, -90.0811
Hunter-Lab	50.9486, -40.4098, 23.5522

Details

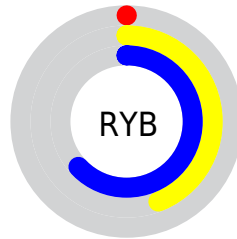
The XYZ color **13.9146, 25.9576, 10.4078** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **16.5022, 8.2990, 10.1856**, and the grayscale version is **12.8694, 13.5397, 14.7447**.

A 20% lighter version of the original color is **32.5078, 53.1796, 27.2902**, and **5.5172, 10.7870, 2.6019** is the 20% darker color. If you saturate the color by 10%, you get **13.9149, 25.9585, 10.4074**, and if you desaturate by 10%, it is **14.4425, 26.1944, 12.0603**.

Distribution



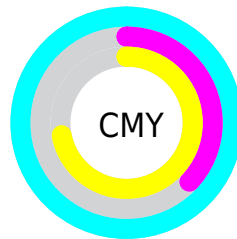
- Red (0%)
- Green (63%)
- Blue (28%)



- Red (0%)
- Yellow (44%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9146, 25.9576, 10.4078 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 13.9146, 25.9576, 10.4078 by changing the saturation by 10% instead.

■ 13.9146, 25.9576,
10.4078

■ 13.9146, 25.9576,
10.4078

210.2202,
282.5739, 204.1478

■ 8.1426, 16.7919,
5.5610

■ 32.5250, 53.2065,
27.1795

■ 4.2389, 10.0862,
2.5156

■ 46.0940, 72.0586,
39.9415

■ 1.8382, 5.4562,
0.8484

■ 62.9928, 94.9082,
56.1790

■ 0.5405, 2.5173,
0.0000

■ 83.5867, 122.1398,
76.3105

■ 0.0000, 0.8853,
0.0000

■ 108.2410,
154.1378, 100.7546

■ 0.0000, 0.0000,
0.0000

■ 137.3211,

191.2865, 129.9298

171.1924,
233.9704, 164.2547

■ 13.9146, 25.9576,
10.4078

■ 13.9146, 25.9576,
10.4078

■ 13.9149, 25.9585,
10.4074

■ 14.4425, 26.1944,
12.0603

■ 15.1847, 26.5360,
13.9507

■ 16.2170, 27.0218,
16.0913

■ 17.5723, 27.6688,
18.4917

■ 19.2788, 28.4912,
21.1608

■ 21.3615, 29.5018,
24.1068

■ 23.8429, 30.7121,
27.3378

■ 26.7437, 32.1326,
30.8616

■ 30.0833, 33.7730,
34.6853

Harmonies

Analogous

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



18.3563, 25.9576, 4.3883



13.9146, 25.9576, 10.4078



12.2961, 25.9576, 25.9514

Triad

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



13.9146, 25.9576, 10.4078



23.8508, 25.9576, 98.8425



41.0554, 25.9576, 12.6706

Complementary

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



13.9146, 25.9576, 10.4078



16.5022, 8.2990, 10.1856

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.



43.4002, 25.9576, 30.7088



13.9146, 25.9576, 10.4078



32.2917, 25.9576, 88.4171

Square

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



13.9146, 25.9576, 10.4078



17.2006, 25.9576, 83.4274



39.9003, 25.9576, 59.7229



34.0433, 25.9576, 5.1117

Rectangle

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



13.9146, 25.9576, 10.4078



12.7033, 25.9576, 43.0719



39.9003, 25.9576, 59.7229



42.4733, 25.9576, 17.3100

Sweetspot

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



13.9152, 25.9587, 10.4084



42.4261, 54.8674, 48.6145



17.0834, 27.7270, 4.4517



8.9047, 11.8380, 10.1504



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



13.9152, 25.9587, 10.4084



24.8232, 46.4493, 18.1308



18.2722, 27.7015, 33.3521



7.1110, 7.9452, 8.1965



11.1330, 20.7396, 8.4170



0.2576, 0.4453, 0.3016

Inverse Universe

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



16.5022, 8.2990, 10.1856



29.4517, 14.8215, 17.7084



14.7575, 7.6011, 0.9982



7.2299, 7.1484, 8.1973



13.1999, 6.6360, 8.2431



0.3007, 0.1488, 0.2962

Previews

White Background



This preview shows how the XYZ color 13.9146, 25.9576, 10.4078 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 13.9146, 25.9576, 10.4078 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 13.9146, 25.9576, 10.4078

Background



This preview shows how black text looks on a background with the XYZ color 13.9146, 25.9576, 10.4078.



This preview shows how white text looks on a background with the XYZ color 13.9146, 25.9576,

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

13.9146, 25.9576, 10.4078

Protanopia

23.5132, 25.7169, 8.7256

Deuteranopia

26.0614, 25.5167, 11.1411



Tritanopia

19.8173, 25.8703, 39.0709

Trichromacy



Original Color

13.9146, 25.9576, 10.4078



Protanomaly

16.5141, 23.8815, 9.2080



Deuteranomaly

17.3464, 23.3689, 10.6176



Tritanomaly

16.6932, 25.5325, 25.5212

Monochromacy



Original Color

13.9146, 25.9576, 10.4078



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

11.3862, 16.3463, 12.6802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9146, 25.9576, 10.4078 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(0, 161, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 72)  
}
```

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(0, 161, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 72) }
```

Border

The CSS property to change the border of an element to XYZ 13.9146, 25.9576, 10.4078 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(0, 161, 72) }
```


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

```
.border{ border-color:rgb(0, 161, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 72);  
box-shadow:4px 4px 4px 4px rgb(0, 161, 72)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.9146, 25.9576, 10.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 72) }
```

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

```
.background{ background-color: rgb(0, 161,  
72) }
```

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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