

Converting Colors

XYZ(9.4079, 23.4622, 9.2292)

Have a look what the booklet for
XYZ(9.4079, 23.4622, 9.2292)
contains.

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Color

**XYZ(13.5542, 25.5350,
9.3686)**

Conversions

Conversions Part 1

Format	Color
Hex	00A042
RGB	0, 160, 66
RGB Percent	0%, 63%, 26%
CMY	1.0000, 0.3725, 0.7412
CMYK	1.00, 0.00, 0.59, 0.37
HSL	145°, 100%, 31%
HSV	145°, 100%, 63%
XYZ	13.5542, 25.5350, 9.3686
YIQ	101.4440, -65.1860, -63.1540

Conversions

Conversions Part 2

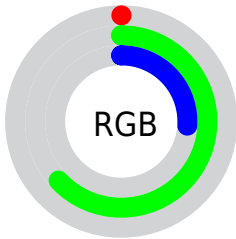
Format	Color
RYB	0, 113, 160
Decimal	41026
CIELab	57.59, -55.99, 38.59
CIELCh	58, 67.997, 145.422
Yxy	25.5350, 0.2797, 0.5270
Android (android.graphics.Color)	4278231106 (0xFF00A042)
YUV	101.4440, -17.4739, -88.9664
Hunter-Lab	50.5322, -40.5524, 24.3802

Details

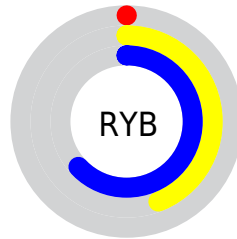
The XYZ color **13.5542, 25.5350, 9.3686** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **16.5185, 8.2822, 11.3190**, and the grayscale version is **12.5414, 13.1945, 14.3689**.

A 20% lighter version of the original color is **31.8866, 52.5199, 25.2864**, and **5.3370, 10.5471, 2.1700** is the 20% darker color. If you saturate the color by 10%, you get **13.5547, 25.5360, 9.3687**, and if you desaturate by 10%, it is **14.0689, 25.7664, 10.9610**.

Distribution



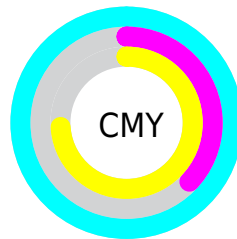
- Red (0%)
- Green (63%)
- Blue (26%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5542, 25.5350, 9.3686 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 13.5542, 25.5350, 9.3686 by changing the saturation by 10% instead.


 13.5542, 25.5350,
9.3686


 13.5542, 25.5350,
9.3686


208.0062,
280.4919, 196.4225


 7.8909, 16.4761,
4.8823


 31.8888, 52.5238,
25.1899


 4.0764, 9.8617,
2.1208


 45.2908, 71.2225,
37.3620

 1.7455, 5.3073,
0.6281

 62.0031, 93.9033,
52.9331

 0.4845, 2.4287,
0.0000

 82.3910, 120.9505,
72.3217

 0.0000, 0.8406,
0.0000

 106.8200,
152.7486, 95.9464

 0.0000, 0.0000,
0.0000

 135.6552,

189.6819, 124.2258

169.2622,
232.1349, 157.5783

■ 13.5542, 25.5350,
9.3686

■ 13.5542, 25.5350,
9.3686

■ 13.5547, 25.5360,
9.3687

■ 14.0689, 25.7664,
10.9610

■ 14.7990, 26.1026,
12.8117

■ 15.8200, 26.5830,
14.9348

■ 17.1647, 27.2243,
17.3416

■ 18.8610, 28.0407,
20.0424

■ 20.9339, 29.0450,
23.0470

■ 23.4058, 30.2485,
26.3648

■ 26.2975, 31.6616,
30.0047

■ 29.6282, 33.2942,
33.9753

Harmonies

Analogous

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



18.1677, 25.5350, 3.8197



13.5542, 25.5350, 9.3686



11.7999, 25.5350, 24.3863

Triad

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



13.5542, 25.5350, 9.3686



23.0458, 25.5350, 100.3996



41.2717, 25.5350, 12.6904

Complementary

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



13.5542, 25.5350, 9.3686



16.5185, 8.2822, 11.3190

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.



43.3892, 25.5350, 31.5254



13.5542, 25.5350, 9.3686



31.6059, 25.5350, 90.8661

Square

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



13.5542, 25.5350, 9.3686



16.4465, 25.5350, 83.2341



39.5225, 25.5350, 61.6682



34.2492, 25.5350, 4.8504

Rectangle

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



13.5542, 25.5350, 9.3686



12.1195, 25.5350, 41.4648



39.5225, 25.5350, 61.6682



42.6391, 25.5350, 17.5298

Sweetspot

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



13.5548, 25.5360, 9.3692



42.2150, 54.7830, 47.5026



17.3956, 27.6296, 4.4164



8.8543, 11.8178, 9.8846



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.



13.5548, 25.5360, 9.3692



24.5149, 46.3260, 16.5071



17.6057, 27.1564, 30.7006



6.6585, 7.4442, 7.6364



10.5794, 19.8997, 7.4080



0.2097, 0.3640, 0.2404

Inverse Universe

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



16.5185, 8.2822, 11.3190



29.8885, 14.9962, 20.0084



14.5914, 7.5114, 1.1712



6.7883, 6.7082, 7.7362



12.8893, 6.4603, 8.9339



0.2512, 0.1238, 0.2688

Previews

White Background



This preview shows how the XYZ color 13.5542, 25.5350, 9.3686 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 13.5542, 25.5350, 9.3686 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 13.5542, 25.5350, 9.3686

Background



This preview shows how black text looks on a background with the XYZ color 13.5542, 25.5350, 9.3686.



This preview shows how white text looks on a background with the XYZ color 13.5542, 25.5350,

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

13.5542, 25.5350, 9.3686

Protanopia

23.0148, 25.2650, 7.8013

Deuteranopia

25.5008, 25.0518, 9.9700



Tritanopia

19.4778, 25.4781, 38.0736

Trichromacy



Original Color

13.5542, 25.5350, 9.3686



Protanomaly

16.0782, 23.4470, 8.2357



Deuteranomaly

16.8737, 22.9267, 9.4972



Tritanomaly

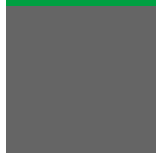
16.2614, 25.0946, 24.0654

Monochromacy



Original Color

13.5542, 25.5350, 9.3686



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

10.8353, 15.7136, 11.6945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5542, 25.5350, 9.3686 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, 160, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 66)  
}
```

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, 160, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 66) }
```

Border

The CSS property to change the border of an element to XYZ 13.5542, 25.5350, 9.3686 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, 160, 66) }
```


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

```
.border{ border-color:rgb(0, 160, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 66);  
box-shadow:4px 4px 4px 4px rgb(0, 160, 66)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.5542, 25.5350, 9.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 66) }
```

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

```
.background{ background-color: rgb(0, 160,  
66) }
```

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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