

Converting Colors

XYZ(30.9327, 35.1000, 24.9151)

Have a look what the booklet for
XYZ(30.9327, 35.1000, 24.9151)
contains.

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Color

**XYZ(30.9460, 35.2254,
24.9068)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA47E
RGB	157, 164, 126
RGB Percent	62%, 64%, 49%
CMY	0.3843, 0.3568, 0.5059
CMYK	0.04, 0.00, 0.23, 0.36
HSL	71°, 17%, 57%
HSV	71°, 23%, 64%
XYZ	30.9460, 35.2254, 24.9068
YIQ	157.5750, 8.0260, -13.3020

Conversions

Conversions Part 2

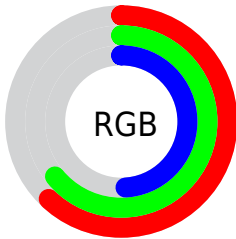
Format	Color
R _{YB}	126, 164, 133
Decimal	10331262
CIE Lab	65.92, -9.15, 18.93
CIE LCh	66, 21.025, 115.785
Yxy	35.2254, 0.3398, 0.3868
Android (android.graphics.Color)	4288521342 (0xFF9DA47E)
YUV	157.5750, -15.5665, -0.5043
Hunter-Lab	59.3510, -10.7931, 16.6645

Details

The XYZ color **30.9460, 35.2254, 24.9068** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.8359, 22.5895, 38.2279**, and the grayscale version is **32.3734, 34.0593, 37.0906**.

A 20% lighter version of the original color is **60.6196, 67.9148, 52.5617**, and **12.9594, 15.1274, 9.2580** is the 20% darker color. If you saturate the color by 10%, you get **29.3912, 34.5374, 19.7555**, and if you desaturate by 10%, it is **32.6907, 35.9935, 30.9741**.

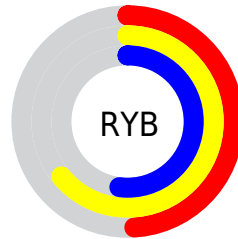
Distribution



Red (62%)

Green (64%)

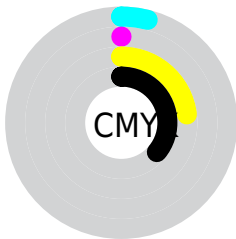
Blue (49%)



Red (49%)

Yellow (64%)

Blue (52%)

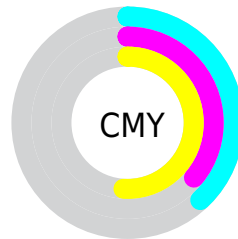


Cyan (4%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (38%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9460, 35.2254, 24.9068 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 30.9460, 35.2254, 24.9068 by changing the saturation by 10% instead.


 30.9460, 35.2254,
24.9068


 30.9460, 35.2254,
24.9068


298.1208,
325.5621, 290.8063


 20.7094, 23.8366,
15.7892


 60.5315, 67.8348,
52.4682

 13.0230, 15.2124,
9.2224


 80.6110, 89.8241,
71.7492

 7.5215, 8.9686,
4.7877

 104.7022,
116.1158, 95.2550

 3.8395, 4.7207,
2.0667

133.1704,
147.0941, 123.4043

 1.6117, 2.0843,
0.5959

166.3811,
183.1435, 156.6155

 0.4000, 0.6558,
0.0000

204.6994,

 0.0000, 0.0000,

224.6484, 195.3072

0.0000

248.4909,
271.9931, 239.8979

■ 30.9460, 35.2254,
24.9068

■ 30.9460, 35.2254,
24.9068

■ 29.3912, 34.5374,
19.7555

■ 32.6907, 35.9935,
30.9741

■ 28.0151, 33.9213,
15.4735

■ 34.6306, 36.8401,
37.9966

■ 26.8093, 33.3751,
12.0133

■ 36.7741, 37.7699,
46.0140

■ 25.7637, 32.8945,
9.3220

■ 39.1283, 38.7856,
55.0630

■ 24.8669, 32.4751,
7.3405

■ 41.6999, 39.8901,
65.1785

■ 24.1060, 32.1117,
6.0013

■ 44.4952, 41.0858,
76.3938

■ 23.4656, 31.7981,
5.2236

■ 47.5206, 42.3753,
88.7406

■ 23.0726, 31.6026,
4.8839

■ 50.4246, 43.6180,
100.3692

■ 51.1420, 43.9879,
100.4028

Harmonies

Analogous

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



33.9222, 35.2254, 23.6833



30.9460, 35.2254, 24.9068



28.7747, 35.2254, 29.5071

Triad

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



30.9460, 35.2254, 24.9068



30.2291, 35.2254, 54.3329



39.8062, 35.2254, 39.6272

Complementary

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



30.9460, 35.2254, 24.9068



23.8359, 22.5895, 38.2279

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.



38.6737, 35.2254, 48.8141



30.9460, 35.2254, 24.9068



33.0430, 35.2254, 58.0972

Square

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



30.9460, 35.2254, 24.9068



28.3792, 35.2254, 46.2978



36.1501, 35.2254, 55.9364



39.1596, 35.2254, 31.3760

Rectangle

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



30.9460, 35.2254, 24.9068



28.0115, 35.2254, 34.3004



36.1501, 35.2254, 55.9364



39.6192, 35.2254, 42.7161

Sweetspot

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



30.9469, 35.2270, 24.9076



61.4192, 66.2410, 63.7070



27.4599, 26.1658, 23.3424



13.3850, 14.4631, 13.7736



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.



30.9469, 35.2270, 24.9076



54.6172, 63.2521, 40.0000



27.5293, 33.4651, 24.7476



7.5209, 8.1710, 7.5609



17.7268, 24.2490, 3.7462



0.4038, 0.5257, 0.0802

Inverse Universe

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



23.8359, 22.5895, 38.2279



39.3306, 36.0796, 68.6434



27.1055, 24.2751, 38.3809



6.8166, 6.9198, 8.8795



5.5843, 2.2853, 27.0766



0.1491, 0.0644, 0.5704

Previews

White Background



This preview shows how the XYZ color 30.9460, 35.2254, 24.9068 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 30.9460, 35.2254, 24.9068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

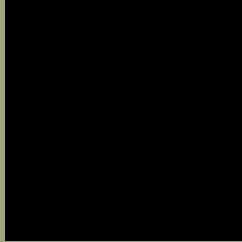
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9460, 35.2254, 24.9068

Background



This preview shows how black text looks on a background with the XYZ color 30.9460, 35.2254, 24.9068.



This preview shows how white text looks on a background with the XYZ color 30.9460, 35.2254,

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

30.9460, 35.2254, 24.9068

Protanopia

33.0035, 35.2548, 24.1342

Deuteranopia

35.7016, 35.1088, 25.3171



Tritanopia

34.6818, 35.1805, 43.4907

Trichromacy



Original Color

30.9460, 35.2254, 24.9068

Protanomaly

32.1724, 35.0774, 24.4770

Deuteranomaly

33.7368, 35.1000, 25.0755

Tritanomaly

33.1851, 35.0852, 36.0334

Monochromacy



Original Color

30.9460, 35.2254, 24.9068

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.8597, 34.4860, 32.1714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9460, 35.2254, 24.9068 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(157, 164, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 164, 126)  
}
```

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(157, 164, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 164, 126) }
```

Border

The CSS property to change the border of an element to XYZ 30.9460, 35.2254, 24.9068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

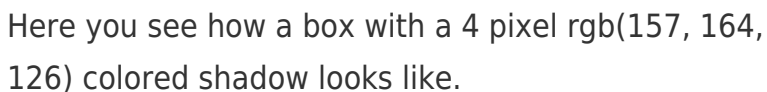
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 164, 126) }
```


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

```
.border{ border-color:rgb(157, 164, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 164, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 164, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 164, 126); box-shadow:4px 4px 4px 4px rgb(157, 164, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9460, 35.2254, 24.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 164, 126) }
```

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

```
.background{ background-color: rgb(157,  
164, 126) }
```

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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