

Converting Colors

XYZ(27.3973, 33.0716, 8.9382)

Have a look what the booklet for
XYZ(27.3973, 33.0716, 8.9382)
contains.

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Color

**XYZ(27.4132, 32.9633,
8.9207)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA13A
RGB	157, 161, 58
RGB Percent	62%, 63%, 23%
CMY	0.3843, 0.3686, 0.7725
CMYK	0.02, 0.00, 0.64, 0.37
HSL	62°, 47%, 43%
HSV	62°, 64%, 63%
XYZ	27.4132, 32.9633, 8.9207
YIQ	148.0620, 30.6790, -32.8810

Conversions

Conversions Part 2

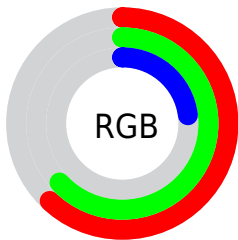
Format	Color
RYB	58, 161, 62
Decimal	10330426
CIELab	64.13, -15.04, 51.29
CIELCh	64, 53.452, 106.343
Yxy	32.9633, 0.3956, 0.4757
Android (android.graphics.Color)	4288520506 (0xFF9DA13A)
YUV	148.0620, -44.4006, 7.8386
Hunter-Lab	57.4137, -15.2459, 30.9773

Details

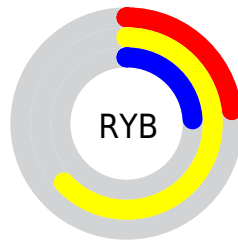
The XYZ color **27.4132, 32.9633, 8.9207** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.9337, 6.6242, 34.4752**, and the grayscale version is **28.3455, 29.8216, 32.4758**.

A 20% lighter version of the original color is **55.1019, 64.5337, 24.3039**, and **11.1694, 14.0354, 2.1204** is the 20% darker color. If you saturate the color by 10%, you get **26.9445, 32.7630, 7.0851**, and if you desaturate by 10%, it is **28.0122, 33.2182, 11.4322**.

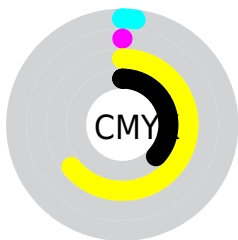
Distribution



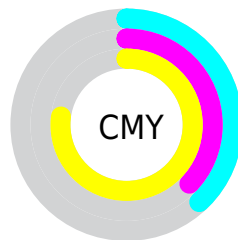
- Red (62%)
- Green (63%)
- Blue (23%)



- Red (23%)
- Yellow (63%)
- Blue (24%)



- Cyan (2%)
- Magenta (0%)
- Yellow (64%)
- Black (37%)





- Cyan (38%)
- Magenta (37%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4132, 32.9633, 8.9207 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 27.4132, 32.9633, 8.9207 by changing the saturation by 10% instead.


 27.4132, 32.9633,
8.9207


 27.4132, 32.9633,
8.9207


281.7834,
315.4843, 192.9815


 18.0220, 22.0983,
4.5934


 54.9614, 64.3182,
24.3199


 11.0656, 13.9292,
1.9562


 73.8492, 85.5770,
36.2288


 6.1786, 8.0714,
0.5281


 96.6331, 111.0691,
51.5020

 2.9957, 4.1407,
0.0000

 123.6786,
141.1790, 70.5581

 1.1515, 1.7526,
0.0000

 155.3510,
176.2911, 93.8155

 0.0675, 0.4573,
0.0000

 192.0158,

 0.0000, 0.0000,

216.7898, 121.6929

0.0000

234.0381,
263.0594, 154.6087

■ 27.4132, 32.9633,
8.9207

■ 27.4132, 32.9633,
8.9207

■ 26.9445, 32.7630,
7.0851

■ 28.0122, 33.2182,
11.4322

■ 26.5914, 32.6077,
5.8581

■ 28.7499, 33.5275,
14.6746

■ 26.3397, 32.4931,
5.1621

■ 29.6368, 33.8966,
18.6995

■ 26.2142, 32.4345,
4.8789

■ 30.6818, 34.3290,
23.5532

■ 31.8929, 34.8278,
29.2785

■ 33.2777, 35.3963,
35.9153

■ 34.8433, 36.0371,
43.5008

■ 36.5964, 36.7530,
52.0704

■ 38.5433, 37.5465,
61.6576

Harmonies

Analogous

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



34.8921, 32.9633, 8.7224



27.4132, 32.9633, 8.9207



21.9411, 32.9633, 14.1301

Triad

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



27.4132, 32.9633, 8.9207



22.3236, 32.9633, 75.2546



47.6976, 32.9633, 46.6532

Complementary

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



27.4132, 32.9633, 8.9207



9.9337, 6.6242, 34.4752

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.



43.0768, 32.9633, 73.0150



27.4132, 32.9633, 8.9207



28.0202, 32.9633, 93.4986

Square

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



27.4132, 32.9633, 8.9207



19.3426, 32.9633, 48.9362



35.6045, 32.9633, 92.5449



47.4644, 32.9633, 25.3990

Rectangle

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



27.4132, 32.9633, 8.9207



19.8064, 32.9633, 21.6363



35.6045, 32.9633, 92.5449



46.6322, 32.9633, 55.3367

Sweetspot

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



27.4140, 32.9648, 8.9214



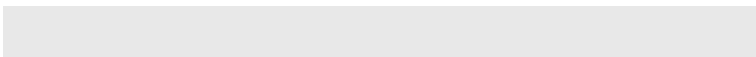
55.9089, 61.8741, 46.7152



17.1547, 11.2673, 5.2741



12.1368, 13.5185, 9.6570



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.



27.4140, 32.9648, 8.9214



47.9455, 58.5382, 11.5784



19.4616, 28.8652, 8.5492



7.6221, 8.2232, 7.5656



20.9435, 25.9072, 3.8968



0.4478, 0.5484, 0.0822

Inverse Universe

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



9.9337, 6.6242, 34.4752



14.1221, 7.5240, 61.0945



14.7486, 9.1063, 34.7006



6.7248, 6.8725, 8.8752



5.2086, 2.0916, 27.0590



0.1166, 0.0477, 0.5689

Previews

White Background



This preview shows how the XYZ color 27.4132, 32.9633, 8.9207 looks on a white background.

Color Contrast Check

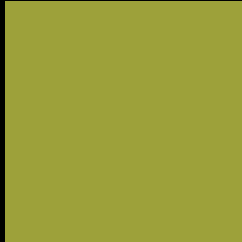
Large Text (above 18pt) WCAG AA × Fail

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 27.4132, 32.9633, 8.9207 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 27.4132, 32.9633, 8.9207

Background



This preview shows how black text looks on a background with the XYZ color 27.4132, 32.9633, 8.9207.



This preview shows how white text looks on a background with the XYZ color 27.4132, 32.9633,

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

27.4132, 32.9633, 8.9207

Protanopia

29.8606, 32.9566, 8.6583

Deuteranopia

33.4517, 32.8651, 9.1379



Tritanopia

33.6138, 32.9931, 39.2470

Trichromacy



Original Color

27.4132, 32.9633, 8.9207

Protanomaly

28.9017, 32.9646, 8.7104

Deuteranomaly

31.0559, 32.8227, 9.1135

Tritanomaly

30.5273, 32.7099, 24.1067

Monochromacy



Original Color

27.4132, 32.9633, 8.9207

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.2482, 30.5996, 20.6898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4132, 32.9633, 8.9207 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, 161, 58)` looks like.

```
.text, #text, p{  
    color:rgb(157, 161, 58)  
}
```

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, 161, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 161, 58) }
```

Border

The CSS property to change the border of an element to XYZ 27.4132, 32.9633, 8.9207 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, 161, 58) }
```


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

```
.border{ border-color:rgb(157, 161, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 161, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 161, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 161, 58);  
box-shadow:4px 4px 4px 4px rgb(157, 161,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4132, 32.9633, 8.9207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 161, 58) }
```

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

```
.background{ background-color: rgb(157,  
161, 58) }
```

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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