

Converting Colors

XYZ(33.1374, 39.0789, 27.2692)

Have a look what the booklet for
XYZ(33.1374, 39.0789, 27.2692)
contains.

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Color

**XYZ(33.1374, 39.0789,
27.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAE83
RGB	157, 174, 131
RGB Percent	62%, 68%, 51%
CMY	0.3843, 0.3176, 0.4863
CMYK	0.10, 0.00, 0.25, 0.32
HSL	84°, 21%, 60%
HSV	84°, 25%, 68%
XYZ	33.1374, 39.0789, 27.2692
YIQ	164.0150, 3.6710, -16.9770

Conversions

Conversions Part 2

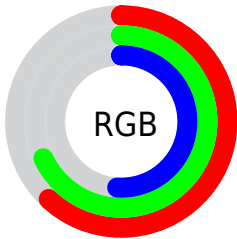
Format	Color
RYB	131, 174, 148
Decimal	10333827
CIELab	68.81, -13.64, 20.15
CIELCh	69, 24.339, 124.098
Yxy	39.0789, 0.3331, 0.3928
Android (android.graphics.Color)	4288523907 (0xFF9DAE83)
YUV	164.0150, -16.2764, -6.1522
Hunter-Lab	62.5131, -14.7774, 17.8960

Details

The XYZ color **33.1374, 39.0789, 27.2692** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9706, 25.5856, 43.5109**, and the grayscale version is **35.3684, 37.2103, 40.5220**.

A 20% lighter version of the original color is **63.8224, 73.4964, 56.1698**, and **14.2704, 17.5164, 10.4135** is the 20% darker color. If you saturate the color by 10%, you get **30.7513, 37.9750, 21.5100**, and if you desaturate by 10%, it is **35.7993, 40.3044, 34.0768**.

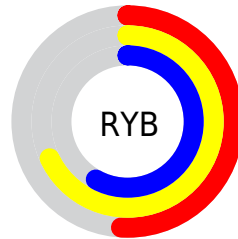
Distribution



Red (62%)

Green (68%)

Blue (51%)



Red (51%)

Yellow (68%)

Blue (58%)

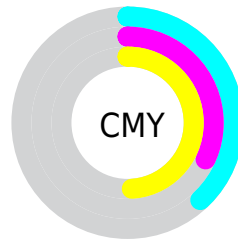


Cyan (10%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1374, 39.0789, 27.2692 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 33.1374, 39.0789, 27.2692 by changing the saturation by 10% instead.

■ 33.1374, 39.0789,
27.2692

■ 33.1374, 39.0789,
27.2692

307.9225,
342.2258, 302.7595

■ 22.3915, 26.8211,
17.5413

■ 63.9432, 73.7588,
56.3245

■ 14.2630, 17.4389,
10.4551

■ 84.7338, 96.9498,
76.4890

■ 8.3868, 10.5479,
5.5922

■ 109.6034,
124.5539, 100.9694

■ 4.3973, 5.7637,
2.5340

138.9172,
156.9556, 130.1843

■ 1.9293, 2.7020,
0.8581

173.0406,
194.5392, 164.5522

■ 0.5938, 0.9782,
0.0000

212.3391,

■ 0.0000, 0.0000,

237.6892, 204.4917

0.0000

257.1779,
286.7899, 250.4213

■ 33.1374, 39.0789,
27.2692

■ 33.1374, 39.0789,
27.2692

■ 30.7513, 37.9750,
21.5100

■ 35.7993, 40.3044,
34.0768

■ 28.6267, 36.9830,
16.7445

■ 38.7443, 41.6508,
41.9788

■ 26.7527, 36.0997,
12.9170

■ 41.9832, 43.1237,
51.0215

■ 25.1162, 35.3197,
9.9652

■ 45.5253, 44.7271,
61.2477

■ 23.7025, 34.6370,
7.8192

■ 49.3794, 46.4645,
72.6982

■ 22.4951, 34.0447,
6.3984

■ 53.5540, 48.3395,
85.4116

■ 21.4740, 33.5348,
5.6052

■ 58.0572, 50.3555,
99.4250

■ 20.9861, 33.2891,
5.3194

■ 60.3507, 51.4972,
101.3669

■ 62.3773, 52.5420,
101.4617

Harmonies

Analogous

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



36.6156, 39.0789, 24.6808



33.1374, 39.0789, 27.2692



30.8612, 39.0789, 33.9271

Triad

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



33.1374, 39.0789, 27.2692



33.9958, 39.0789, 64.6683



45.0458, 39.0789, 41.0498

Complementary

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



33.1374, 39.0789, 27.2692



27.9706, 25.5856, 43.5109

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.



44.2248, 39.0789, 52.5232



33.1374, 39.0789, 27.2692



37.6760, 39.0789, 67.4572

Square

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



33.1374, 39.0789, 27.2692



31.3322, 39.0789, 55.6081



41.4597, 39.0789, 62.6818



43.6319, 39.0789, 31.7155

Rectangle

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



33.1374, 39.0789, 27.2692



30.2415, 39.0789, 40.4026



41.4597, 39.0789, 62.6818



45.0226, 39.0789, 44.7727

Sweetspot

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



33.1384, 39.0806, 27.2700



68.9391, 74.9373, 72.5006



32.0628, 31.6568, 25.8938



15.2521, 16.6235, 15.9235



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.1384, 39.0806, 27.2700



57.5287, 69.6926, 43.1594



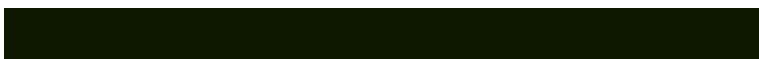
29.3901, 37.1483, 27.0946



8.3515, 9.1698, 8.5431



15.2887, 24.1787, 3.8612



0.4846, 0.7032, 0.1102

Inverse Universe

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



27.9706, 25.5856, 43.5109



46.4311, 40.7056, 78.0466



32.1164, 27.7228, 43.7049



7.8673, 7.9059, 10.0640



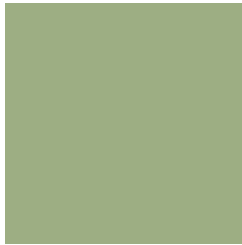
7.3742, 3.1614, 29.2661



0.2677, 0.1202, 0.8171

Previews

White Background



This preview shows how the XYZ color 33.1374, 39.0789, 27.2692 looks on a white background.

Color Contrast Check

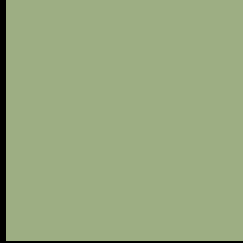
Large Text (above 18pt) WCAG AA × Fail

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 33.1374, 39.0789, 27.2692 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

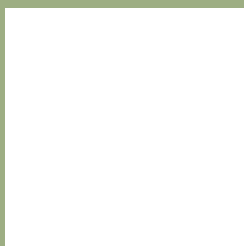
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1374, 39.0789, 27.2692

Background



This preview shows how black text looks on a background with the XYZ color 33.1374, 39.0789, 27.2692.



This preview shows how white text looks on a background with the XYZ color 33.1374, 39.0789,

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

33.1374, 39.0789, 27.2692

Protanopia

36.3054, 38.7797, 25.9938

Deuteranopia

39.5536, 38.8131, 27.9612



Tritanopia

37.4690, 38.8661, 49.2431

Trichromacy



Original Color

33.1374, 39.0789, 27.2692

Protanomaly

35.1318, 38.9924, 26.4435

Deuteranomaly

36.9259, 38.7896, 27.7312

Tritanomaly

35.6835, 38.9709, 40.2917

Monochromacy



Original Color

33.1374, 39.0789, 27.2692

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.3681, 37.8493, 35.2000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1374, 39.0789, 27.2692 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, 174, 131)` looks like.

```
.text, #text, p{  
    color:rgb(157, 174, 131)  
}
```

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, 174, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 174, 131) }
```

Border

The CSS property to change the border of an element to XYZ 33.1374, 39.0789, 27.2692 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, 174, 131) }
```


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

```
.border{ border-color:rgb(157, 174, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 174, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 174, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 174, 131);  
box-shadow:4px 4px 4px 4px rgb(157, 174,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1374, 39.0789, 27.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 174, 131) }
```

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

```
.background{ background-color: rgb(157,  
174, 131) }
```

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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