

Converting Colors

XYZ(32.3390, 38.8503, 26.5109)

Have a look what the booklet for
XYZ(32.3390, 38.8503, 26.5109)
contains.

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Color

**XYZ(32.4293, 39.0172,
26.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	99AF81
RGB	153, 175, 129
RGB Percent	60%, 69%, 51%
CMY	0.4000, 0.3137, 0.4941
CMYK	0.13, 0.00, 0.26, 0.31
HSL	89°, 22%, 60%
HSV	89°, 26%, 69%
XYZ	32.4293, 39.0172, 26.5908
YIQ	163.1780, 1.6540, -18.9700

Conversions

Conversions Part 2

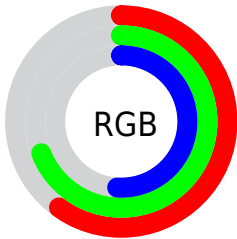
Format	Color
RYB	129, 175, 151
Decimal	10071937
CIELab	68.76, -15.98, 21.13
CIELCh	69, 26.492, 127.091
Yxy	39.0172, 0.3308, 0.3980
Android (android.graphics.Color)	4288262017 (0xFF99AF81)
YUV	163.1780, -16.8498, -8.9261
Hunter-Lab	62.4637, -16.6397, 18.4849

Details

The XYZ color **32.4293, 39.0172, 26.5908** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.3522, 25.3761, 43.9633**, and the grayscale version is **34.9743, 36.7957, 40.0705**.

A 20% lighter version of the original color is **63.0318, 73.9391, 55.2055**, and **13.8611, 17.4971, 10.0439** is the 20% darker color. If you saturate the color by 10%, you get **29.8396, 37.8065, 20.9087**, and if you desaturate by 10%, it is **35.3311, 40.3682, 33.3291**.

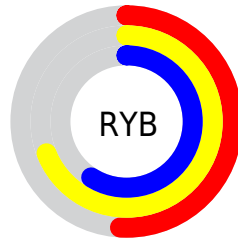
Distribution



Red (60%)

Green (69%)

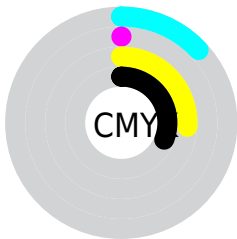
Blue (51%)



Red (51%)

Yellow (69%)

Blue (59%)

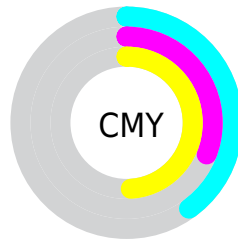


Cyan (13%)

Magenta (0%)

Yellow (26%)

Black (31%)



Cyan (40%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4293, 39.0172, 26.5908 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 32.4293, 39.0172, 26.5908 by changing the saturation by 10% instead.

 32.4293, 39.0172,
26.5908


 32.4293, 39.0172,
26.5908


304.7809,
341.9636, 299.3676


 21.8467, 26.7731,
17.0364

 62.8442, 73.6646,
55.2223

 13.8603, 17.4029,
10.0982


 83.4072, 96.8367,
75.1364

 8.1046, 10.5222,
5.3577


 108.0277,
124.4202, 99.3409

 4.2143, 5.7465,
2.3962

137.0712,
156.7996, 128.2543

 1.8241, 2.6916,
0.7844

170.9028,
194.3593, 162.2952

 0.5321, 0.9729,
0.0000

209.8881,

 0.0000, 0.0000,

237.4836, 201.8820

0.0000

254.3923,
286.5569, 247.4332

■ 32.4293, 39.0172,
26.5908

■ 32.4293, 39.0172,
26.5908

■ 29.8396, 37.8065,
20.9087

■ 35.3311, 40.3682,
33.3291

■ 27.5467, 36.7257,
16.2268

■ 38.5536, 41.8592,
41.1708

■ 25.5381, 35.7709,
12.4875

■ 42.1089, 43.4967,
50.1635

■ 23.7992, 34.9360,
9.6267

■ 46.0072, 45.2849,
60.3509

■ 22.3139, 34.2142,
7.5718

■ 50.2586, 47.2281,
71.7748

■ 21.0636, 33.5978,
6.2390

■ 54.8724, 49.3303,
84.4747

■ 20.0242, 33.0770,
5.5157

■ 59.8578, 51.5954,
98.4884

■ 19.6745, 32.9008,
5.3135

■ 62.8856, 53.0918,
101.5411

■ 65.4825, 54.4305,
101.6626

Harmonies

Analogous

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



36.0977, 39.0172, 23.4337



32.4293, 39.0172, 26.5908



30.1393, 39.0172, 34.1097

Triad

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



32.4293, 39.0172, 26.5908



34.0324, 39.0172, 67.5148



45.6796, 39.0172, 39.6943

Complementary

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



32.4293, 39.0172, 26.5908



28.3522, 25.3761, 43.9633

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.



45.0226, 39.0172, 52.1256



32.4293, 39.0172, 26.5908



38.0895, 39.0172, 69.7805

Square

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



32.4293, 39.0172, 26.5908



31.0150, 39.0172, 57.9948



42.1655, 39.0172, 63.7047



43.8987, 39.0172, 30.0177

Rectangle

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



32.4293, 39.0172, 26.5908



29.5976, 39.0172, 41.3215



42.1655, 39.0172, 63.7047



45.7386, 39.0172, 43.6662

Sweetspot

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



32.4303, 39.0189, 26.5916



67.9315, 74.4505, 70.9780



32.6241, 32.6623, 25.3545



14.9032, 16.4571, 15.2955



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.



32.4303, 39.0189, 26.5916



55.1076, 68.4891, 41.0296



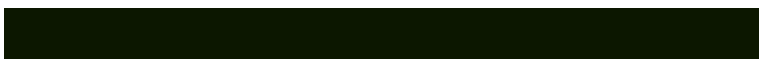
28.5816, 37.0348, 26.4115



8.2881, 9.1371, 8.5402



14.1603, 23.5970, 3.8083



0.4566, 0.6888, 0.1089

Inverse Universe

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



28.3522, 25.3761, 43.9633



46.4696, 39.5891, 77.8291



32.9266, 27.7343, 44.1773



7.9297, 7.9381, 10.0670



8.2110, 3.5928, 29.3052



0.2919, 0.1327, 0.8182

Previews

White Background



This preview shows how the XYZ color 32.4293, 39.0172, 26.5908 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 32.4293, 39.0172, 26.5908 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 32.4293, 39.0172, 26.5908

Background



This preview shows how black text looks on a background with the XYZ color 32.4293, 39.0172, 26.5908.



This preview shows how white text looks on a background with the XYZ color 32.4293, 39.0172,

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

32.4293, 39.0172, 26.5908

Protanopia

36.1750, 38.7275, 25.3072

Deuteranopia

39.6747, 38.8914, 27.2455



Tritanopia

37.0411, 38.9185, 49.2758

Trichromacy



Original Color

32.4293, 39.0172, 26.5908

Protanomaly

34.7831, 38.8278, 25.7399

Deuteranomaly

36.5553, 38.6144, 26.9994

Tritanomaly

35.1850, 39.0036, 39.8564

Monochromacy



Original Color

32.4293, 39.0172, 26.5908

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.7027, 37.2427, 34.6904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4293, 39.0172, 26.5908 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(153, 175, 129)` looks like.

```
.text, #text, p{  
    color:rgb(153, 175, 129)  
}
```

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(153, 175, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 175, 129) }
```

Border

The CSS property to change the border of an element to XYZ 32.4293, 39.0172, 26.5908 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(153, 175, 129) }
```


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

```
.border{ border-color:rgb(153, 175, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 175, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 175, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 175, 129);  
box-shadow:4px 4px 4px 4px rgb(153, 175,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4293, 39.0172, 26.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 175, 129) }
```

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

```
.background{ background-color: rgb(153,  
175, 129) }
```

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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