

Converting Colors

XYZ(33.5489, 39.5293, 26.6900)

Have a look what the booklet for
XYZ(33.5489, 39.5293, 26.6900)
contains.

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Color

**XYZ(33.5905, 39.6159,
26.6451)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAF81
RGB	159, 175, 129
RGB Percent	62%, 69%, 51%
CMY	0.3765, 0.3137, 0.4941
CMYK	0.09, 0.00, 0.26, 0.31
HSL	81°, 22%, 60%
HSV	81°, 26%, 69%
XYZ	33.5905, 39.6159, 26.6451
YIQ	164.9720, 5.2300, -17.6980

Conversions

Conversions Part 2

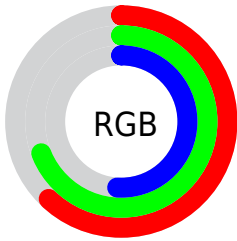
Format	Color
R_{YB}	129, 175, 145
Decimal	10465153
CIE _{Lab}	69.20, -13.71, 21.79
CIE _{LCh}	69, 25.747, 122.186
Yxy	39.6159, 0.3364, 0.3967
Android (android.graphics.Color)	4288655233 (0xFF9FAF81)
YUV	164.9720, -17.7342, -5.2374
Hunter-Lab	62.9412, -14.8850, 18.9594

Details

The XYZ color **33.5905, 39.6159, 26.6451** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.2668, 24.8165, 43.9127**, and the grayscale version is **35.8323, 37.6983, 41.0535**.

A 20% lighter version of the original color is **64.7510, 74.8254, 55.2860**, and **14.5576, 17.8562, 10.0765** is the 20% darker color. If you saturate the color by 10%, you get **31.3480, 38.5842, 20.9793**, and if you desaturate by 10%, it is **36.0938, 40.7615, 33.3648**.

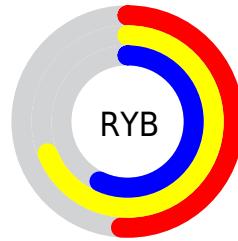
Distribution



Red (62%)

Green (69%)

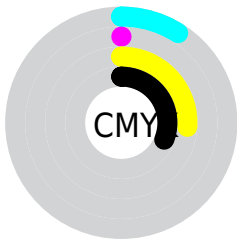
Blue (51%)



Red (51%)

Yellow (69%)

Blue (57%)

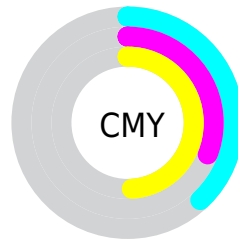


Cyan (9%)

Magenta (0%)

Yellow (26%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5905, 39.6159, 26.6451 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 33.5905, 39.6159, 26.6451 by changing the saturation by 10% instead.


 33.5905, 39.6159,
26.6451


 33.5905, 39.6159,
26.6451


309.9204,
344.5020, 299.6402


 22.7406, 27.2392,
17.0768


 64.6449, 74.5783,
55.3106

 14.5217, 17.7529,
10.1267

 85.5801, 97.9327,
75.2449

 8.5685, 10.7728,
5.3764

 110.6077,
125.7152, 99.4716

 4.5157, 5.9142,
2.4072

140.0932,
158.3101, 128.4093

 1.9978, 2.7930,
0.7903

174.4018,
196.1019, 162.4765

 0.6327, 1.0246,
0.0000

213.8990,

 0.0000, 0.0000,

239.4748, 202.0916

0.0000

258.9501,
288.8134, 247.6734

■ 33.5905, 39.6159,
26.6451

■ 33.5905, 39.6159,
26.6451

■ 31.3480, 38.5842,
20.9793

■ 36.0938, 40.7615,
33.3648

■ 29.3523, 37.6566,
16.3113

■ 38.8650, 42.0199,
41.1854

■ 27.5924, 36.8300,
12.5837

■ 41.9150, 43.3968,
50.1544

■ 26.0552, 36.0991,
9.7322

■ 45.2527, 44.8960,
60.3156

■ 24.7262, 35.4579,
7.6847

■ 48.8868, 46.5210,
71.7106

■ 23.5885, 34.8996,
6.3572

■ 52.8256, 48.2753,
84.3790

■ 22.6198, 34.4152,
5.6372

■ 57.0771, 50.1619,
98.3584

■ 22.2861, 34.2472,
5.4358

■ 59.3108, 51.2491,
101.3738

■ 61.0526, 52.1470,
101.4553

Harmonies

Analogous

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



37.3524, 39.6159, 24.2071



33.5905, 39.6159, 26.6451



31.0741, 39.6159, 33.3932

Triad

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



33.5905, 39.6159, 26.6451



34.0778, 39.6159, 66.4681



46.1355, 39.6159, 42.2755

Complementary

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



33.5905, 39.6159, 26.6451



27.2668, 24.8165, 43.9127

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.



45.1022, 39.6159, 54.6080



33.5905, 39.6159, 26.6451



37.9566, 39.6159, 70.0031

Square

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



33.5905, 39.6159, 26.6451



31.3406, 39.6159, 56.3806



42.0321, 39.6159, 65.3205



44.7623, 39.6159, 32.1456

Rectangle

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



33.5905, 39.6159, 26.6451



30.3396, 39.6159, 40.1240



42.0321, 39.6159, 65.3205



46.0580, 39.6159, 46.2929

Sweetspot

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



33.5915, 39.6176, 26.6460



68.6459, 74.8188, 71.0114



31.6669, 30.7479, 25.0354



15.0894, 16.5532, 15.3042



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.



33.5915, 39.6176, 26.6460



57.5872, 69.7674, 41.1457



29.5557, 37.5371, 26.4571



8.3881, 9.1887, 8.5449



16.0271, 24.5594, 3.8957



0.5018, 0.7121, 0.1110

Inverse Universe

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



27.2668, 24.8165, 43.9127



44.1951, 38.4166, 77.7227



31.5965, 27.0485, 44.1153



7.8319, 7.8876, 10.0624



6.9751, 2.9557, 29.2474



0.2541, 0.1132, 0.8164

Previews

White Background



This preview shows how the XYZ color 33.5905, 39.6159, 26.6451 looks on a white background.

Color Contrast Check

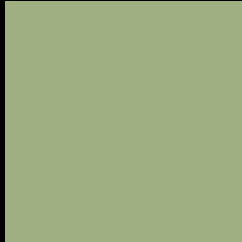
Large Text (above 18pt) WCAG AA × Fail

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 33.5905, 39.6159, 26.6451 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

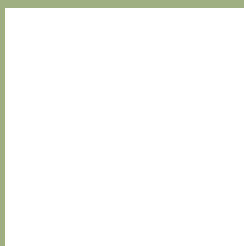
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5905, 39.6159, 26.6451

Background



This preview shows how black text looks on a background with the XYZ color 33.5905, 39.6159, 26.6451.



This preview shows how white text looks on a background with the XYZ color 33.5905, 39.6159,

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

33.5905, 39.6159, 26.6451

Protanopia

36.8246, 39.3354, 25.3903

Deuteranopia

40.1111, 39.3769, 27.3162



Tritanopia

38.0690, 39.4485, 49.3239

Trichromacy



Original Color

33.5905, 39.6159, 26.6451

Protanomaly

35.6273, 39.5424, 25.8334

Deuteranomaly

37.4439, 39.3434, 27.0933

Tritanomaly

36.1888, 39.5210, 39.9034

Monochromacy



Original Color

33.5905, 39.6159, 26.6451

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.9597, 38.4295, 35.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5905, 39.6159, 26.6451 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(159, 175, 129)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 175, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 129) }
```

Border

The CSS property to change the border of an element to XYZ 33.5905, 39.6159, 26.6451 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(159, 175, 129) }
```


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

```
.border{ border-color:rgb(159, 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(159, 175, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 175, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 175, 129);  
box-shadow:4px 4px 4px 4px rgb(159, 175,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5905, 39.6159, 26.6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 129) }
```

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

```
.background{ background-color: rgb(159,  
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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