

Converting Colors

XYZ(31.9371, 34.9711, 39.8954)

Have a look what the booklet for
XYZ(31.9371, 34.9711, 39.8954)
contains.

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Color

**XYZ(31.9256, 34.8746,
39.6991)**

Conversions

Conversions Part 1

Format	Color
Hex	95A2A3
RGB	149, 162, 163
RGB Percent	58%, 64%, 64%
CMY	0.4157, 0.3647, 0.3608
CMYK	0.09, 0.01, 0.00, 0.36
HSL	184°, 7%, 61%
HSV	184°, 9%, 64%
XYZ	31.9256, 34.8746, 39.6991
YIQ	158.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

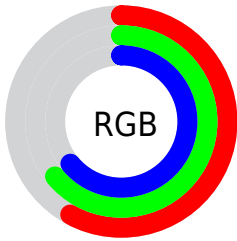
Format	Color
RYB	149, 156, 163
Decimal	9806499
CIELab	65.65, -4.38, -2.10
CIELCh	66, 4.856, 205.649
Yxy	34.8746, 0.2998, 0.3275
Android (android.graphics.Color)	4287996579 (0xFF95A2A3)
YUV	158.2270, 2.3531, -8.0921
Hunter-Lab	59.0547, -6.8468, 1.4810

Details

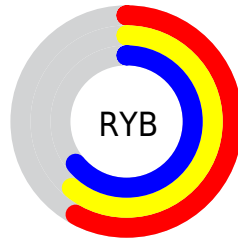
The XYZ color **31.9256, 34.8746, 39.6991** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4355, 31.7688, 32.9094**, and the grayscale version is **32.5955, 34.2930, 37.3451**.

A 20% lighter version of the original color is **62.0963, 67.3842, 76.0633**, and **13.4822, 14.8962, 17.2036** is the 20% darker color. If you saturate the color by 10%, you get **28.9541, 33.0415, 39.5024**, and if you desaturate by 10%, it is **35.3172, 36.9290, 39.9174**.

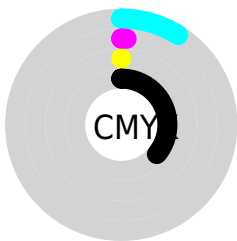
Distribution



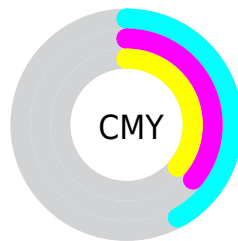
- Red (58%)
- Green (64%)
- Blue (64%)



- Red (58%)
- Yellow (61%)
- Blue (64%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9256, 34.8746, 39.6991 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 31.9256, 34.8746, 39.6991 by changing the saturation by 10% instead.

■ 31.9256, 34.8746,
39.6991

■ 31.9256, 34.8746,
39.6991

302.5315,
324.0145, 360.3680

■ 21.4599, 23.5663,
26.9920

■ 62.0604, 67.2915,
75.9372

■ 13.5750, 15.0122,
17.3348

■ 82.4603, 89.1688,
100.3052

■ 7.9054, 8.8280,
10.3090

106.9023,
115.3379, 129.3974

■ 4.0858, 4.6291,
5.4961

135.7518,
146.1833, 163.6321

■ 1.7508, 2.0314,
2.4774

169.3741,
182.0892, 203.4280

■ 0.4877, 0.6256,
0.8281

208.1346,

■ 0.0000, 0.0000,

223.4401, 249.2036

0.0000

252.3986,
270.6204, 301.3774

■ 31.9256, 34.8746,
39.6991

■ 31.9256, 34.8746,
39.6991

■ 28.9541, 33.0415,
39.5024

■ 35.3172, 36.9290,
39.9174

■ 26.3825, 31.4163,
39.3243

■ 39.1422, 39.2087,
40.1559

■ 24.1935, 29.9912,
39.1646

■ 43.4168, 41.7231,
40.4159

■ 22.3672, 28.7558,
39.0224

■ 48.1557, 44.4795,
40.6982

■ 20.8820, 27.6991,
38.8967

■ 53.3727, 47.4853,
41.0034

■ 19.7139, 26.8086,
38.7864

■ 59.0813, 50.7474,
41.3321

■ 18.8359, 26.0704,
38.6902

■ 62.2503, 52.7031,
41.5426

■ 18.2165, 25.4682,
38.6066

■ 62.4691, 53.1408,
41.6155

■ 17.7958, 24.9713,
38.5328

■ 62.6899, 53.5823,
41.6891

Harmonies

Analogous

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



31.7978, 34.8746, 37.6751



31.9256, 34.8746, 39.6991



32.3790, 34.8746, 41.3103

Triad

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



31.9256, 34.8746, 39.6991



34.2931, 34.8746, 40.2334



33.2515, 34.8746, 34.1872

Complementary

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



31.9256, 34.8746, 39.6991



31.4355, 31.7688, 32.9094

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.



33.9276, 34.8746, 34.8196



31.9256, 34.8746, 39.6991



34.5344, 34.8746, 38.2714

Square

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



31.9256, 34.8746, 39.6991



33.7448, 34.8746, 41.6265



34.3997, 34.8746, 36.2967



32.5568, 34.8746, 34.5389

Rectangle

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



31.9256, 34.8746, 39.6991



32.8083, 34.8746, 41.9084



34.3997, 34.8746, 36.2967



33.4885, 34.8746, 34.2911

Sweetspot

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



31.9266, 34.8761, 39.6999



60.4428, 64.4446, 71.3095



30.9918, 34.7843, 33.9071



13.4679, 14.4090, 16.0089



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.



31.9266, 34.8761, 39.6999



56.2779, 61.9091, 71.0396



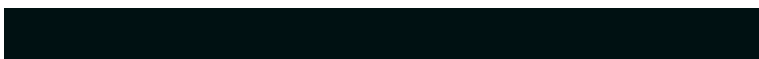
30.7382, 32.4993, 39.3037



7.2327, 7.9245, 9.0514



13.8014, 19.3822, 29.9435



0.3019, 0.4311, 0.6332

Inverse Universe

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



32.3740, 31.8907, 38.6334



57.2199, 55.6427, 68.7901



32.5753, 34.0484, 33.2893



7.3425, 7.1934, 8.7898



16.1118, 7.8008, 23.5770



0.3446, 0.1663, 0.5271

Previews

White Background



This preview shows how the XYZ color 31.9256, 34.8746, 39.6991 looks on a white background.

Color Contrast Check

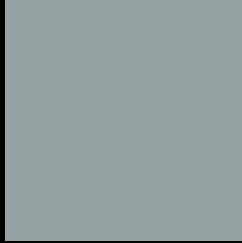
Large Text (above 18pt) WCAG AA × Fail

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 31.9256, 34.8746, 39.6991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

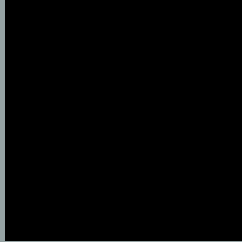
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

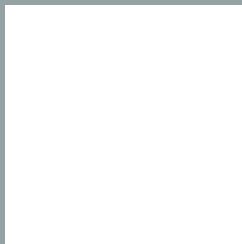
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9256, 34.8746, 39.6991

Background



This preview shows how black text looks on a background with the XYZ color 31.9256, 34.8746, 39.6991.



This preview shows how white text looks on a background with the XYZ color 31.9256, 34.8746,

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

31.9256, 34.8746, 39.6991

Protanopia

33.3578, 34.6040, 38.6393

Deuteranopia

35.3604, 34.5985, 40.4118



Tritanopia

32.8761, 34.7381, 44.5075

Trichromacy



Original Color

31.9256, 34.8746, 39.6991

Protanomaly

32.8244, 34.5730, 39.1256

Deuteranomaly

34.0677, 34.6868, 40.0216

Tritanomaly

32.4840, 34.8383, 42.5485

Monochromacy



Original Color

31.9256, 34.8746, 39.6991

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.2609, 34.3029, 38.1785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9256, 34.8746, 39.6991 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(149, 162, 163) looks like.

```
.text, #text, p{  
    color:rgb(149, 162, 163)  
}
```

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(149, 162, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 162, 163) }
```

Border

The CSS property to change the border of an element to XYZ 31.9256, 34.8746, 39.6991 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(149, 162, 163) }
```


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

```
.border{ border-color:rgb(149, 162, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 162, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 162, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 162, 163);  
box-shadow:4px 4px 4px 4px rgb(149, 162,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9256, 34.8746, 39.6991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 162, 163) }
```

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

```
.background{ background-color: rgb(149,  
162, 163) }
```

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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