

Converting Colors

XYZ(31.4673, 34.7992, 39.5136)

Have a look what the booklet for
XYZ(31.4673, 34.7992, 39.5136)
contains.

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Color

**XYZ(31.5621, 34.9497,
39.7328)**

Conversions

Conversions Part 1

Format	Color
Hex	92A3A3
RGB	146, 163, 163
RGB Percent	57%, 64%, 64%
CMY	0.4274, 0.3608, 0.3608
CMYK	0.10, 0.00, 0.00, 0.36
HSL	180°, 8%, 61%
HSV	180°, 10%, 64%
XYZ	31.5621, 34.9497, 39.7328
YIQ	157.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

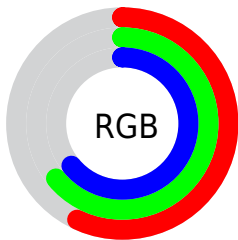
Format	Color
RYB	146, 155, 163
Decimal	9610147
CIELab	65.71, -5.95, -2.04
CIELCh	66, 6.295, 198.925
Yxy	34.9497, 0.2971, 0.3290
Android (android.graphics.Color)	4287800227 (0xFF92A3A3)
YUV	157.9170, 2.5059, -10.4512
Hunter-Lab	59.1183, -8.1593, 1.5346

Details

The XYZ color **31.5621, 34.9497, 39.7328** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5727, 30.4206, 31.4561**, and the grayscale version is **32.4549, 34.1450, 37.1839**.

A 20% lighter version of the original color is **61.5457, 67.4841, 76.1116**, and **13.2730, 14.9495, 17.2249** is the 20% darker color. If you saturate the color by 10%, you get **28.8687, 33.5622, 39.6064**, and if you desaturate by 10%, it is **34.6707, 36.5532, 39.8801**.

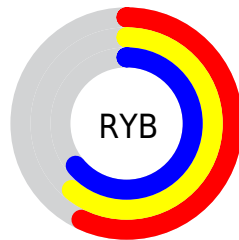
Distribution



Red (57%)

Green (64%)

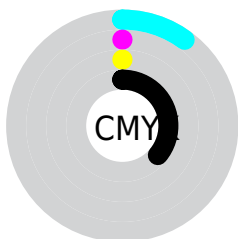
Blue (64%)



Red (57%)

Yellow (61%)

Blue (64%)

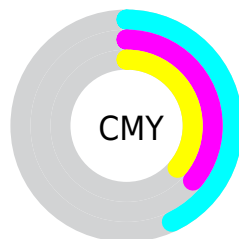


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5621, 34.9497, 39.7328 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 31.5621, 34.9497, 39.7328 by changing the saturation by 10% instead.

■ 31.5621, 34.9497,
39.7328

■ 31.5621, 34.9497,
39.7328

300.9005,
324.3463, 360.5146

■ 21.1812, 23.6241,
27.0181

■ 61.4938, 67.4078,
75.9891

■ 13.3697, 15.0550,
17.3542

■ 81.7753, 89.3092,
100.3677

■ 7.7624, 8.8580,
10.3228

106.0877,
115.5046, 129.4714

■ 3.9938, 4.6487,
5.5051

134.7963,
146.3785, 163.7187

■ 1.6986, 2.0426,
2.4827

168.2665,
182.3152, 203.5281

■ 0.4554, 0.6321,
0.8310

206.8638,

■ 0.0000, 0.0000,

223.6991, 249.3182

0.0000

250.9533,
270.9147, 301.5076

■ 31.5621, 34.9497,
39.7328

■ 31.5621, 34.9497,
39.7328

■ 28.8687, 33.5622,
39.6064

■ 34.6707, 36.5532,
39.8801

■ 26.5701, 32.3772,
39.4977

■ 38.2078, 38.3766,
40.0467

■ 24.6486, 31.3867,
39.4067

■ 42.1899, 40.4294,
40.2342

■ 23.0842, 30.5802,
39.3324

■ 46.6317, 42.7192,
40.4431

■ 21.8547, 29.9464,
39.2738

■ 51.5473, 45.2533,
40.6742

■ 20.9359, 29.4728,
39.2297

■ 56.9501, 48.0385,
40.9282

■ 20.2999, 29.1449,
39.1989

■ 60.9502, 50.1006,
41.1165

■ 19.9140, 28.9460,
39.1797

■ 60.9505, 50.1007,
41.1176

■ 19.7069, 28.8393,
39.1690

■ 60.9507, 50.1008,
41.1186

Harmonies

Analogous

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



31.5011, 34.9497, 37.0828



31.5621, 34.9497, 39.7328



32.0620, 34.9497, 42.0307

Triad

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



31.5621, 34.9497, 39.7328



34.5795, 34.9497, 41.5053



33.5620, 34.9497, 33.2645

Complementary

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



31.5621, 34.9497, 39.7328



30.5727, 30.4206, 31.4561

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.



34.4027, 34.9497, 34.3369



31.5621, 34.9497, 39.7328



34.9975, 34.9497, 39.0426

Square

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



31.5621, 34.9497, 39.7328



33.7997, 34.9497, 43.0864



34.9322, 34.9497, 36.4237



32.6443, 34.9497, 33.4300

Rectangle

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



31.5621, 34.9497, 39.7328



32.5823, 34.9497, 43.0154



34.9322, 34.9497, 36.4237



33.8633, 34.9497, 33.4901

Sweetspot

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



31.5631, 34.9512, 39.7336



60.5553, 64.6699, 71.3464



30.1910, 34.4081, 32.2449



13.4996, 14.4726, 16.0193



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.



31.5631, 34.9512, 39.7336



55.0948, 61.8549, 71.0889



30.1512, 32.1271, 39.2640



7.2761, 8.0113, 9.0657



15.3152, 22.4124, 30.4402



0.3218, 0.4709, 0.6397

Inverse Universe

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



30.5727, 30.4206, 31.4561



52.8856, 51.7489, 52.6252



31.8852, 33.0459, 31.8927



7.0738, 7.0860, 7.3752



11.7389, 6.0516, 0.5500



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 31.5621, 34.9497, 39.7328 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 31.5621, 34.9497, 39.7328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

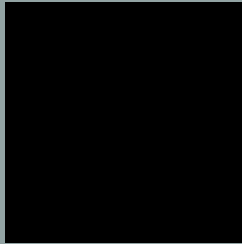
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

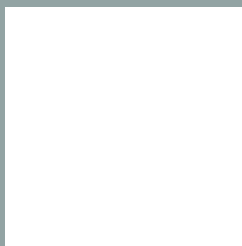
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5621, 34.9497, 39.7328

Background



This preview shows how black text looks on a background with the XYZ color 31.5621, 34.9497, 39.7328.



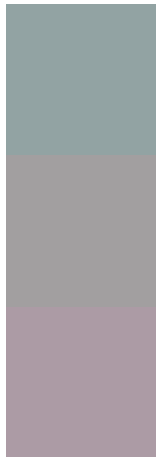
This preview shows how white text looks on a background with the XYZ color 31.5621, 34.9497,

39.7328.

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

31.5621, 34.9497, 39.7328

Protanopia

33.6436, 35.0157, 38.2432

Deuteranopia

35.5261, 34.9300, 40.4670



Tritanopia

32.5976, 34.8416, 45.0514

Trichromacy



Original Color

31.5621, 34.9497, 39.7328

Protanomaly

32.7141, 34.7827, 38.7077

Deuteranomaly

34.0320, 34.9206, 40.0686

Tritanomaly

32.2087, 34.9460, 43.0779

Monochromacy



Original Color

31.5621, 34.9497, 39.7328

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.2424, 34.5497, 38.2271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5621, 34.9497, 39.7328 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(146, 163, 163) looks like.

```
.text, #text, p{  
    color:rgb(146, 163, 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(146, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 163, 163) }
```

Border

The CSS property to change the border of an element to XYZ 31.5621, 34.9497, 39.7328 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(146, 163, 163) }
```


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

```
.border{ border-color:rgb(146, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(146, 163,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5621, 34.9497, 39.7328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 163, 163) }
```

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

```
.background{ background-color: rgb(146,  
163, 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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