

Converting Colors

XYZ(29.9452, 31.3476, 37.2446)

Have a look what the booklet for
XYZ(29.9452, 31.3476, 37.2446)
contains.

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Color

**XYZ(30.0639, 31.4437,
37.2856)**

Conversions

Conversions Part 1

Format	Color
Hex	96989F
RGB	150, 152, 159
RGB Percent	59%, 60%, 62%
CMY	0.4118, 0.4039, 0.3765
CMYK	0.06, 0.04, 0.00, 0.38
HSL	227°, 4%, 61%
HSV	227°, 6%, 62%
XYZ	30.0639, 31.4437, 37.2856
YIQ	152.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

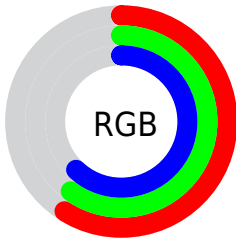
Format	Color
R_{YB}	150, 152, 159
Decimal	9869471
CIE Lab	62.88, 0.67, -3.92
CIE LCh	63, 3.980, 279.724
Yxy	31.4437, 0.3043, 0.3183
Android (android.graphics.Color)	4288059551 (0xFF96989F)
YUV	152.2000, 3.3524, -1.9294
Hunter-Lab	56.0747, -2.4296, -0.1713

Details

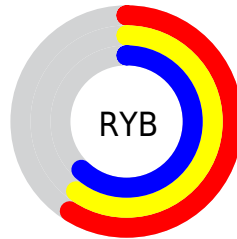
The XYZ color **30.0639, 31.4437, 37.2856** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8601, 33.6865, 33.6776**, and the grayscale version is **29.9191, 31.4773, 34.2787**.

A 20% lighter version of the original color is **59.1107, 61.8350, 72.4382**, and **12.5060, 13.0427, 16.0457** is the 20% darker color. If you saturate the color by 10%, you get **25.4315, 26.2314, 36.5242**, and if you desaturate by 10%, it is **35.3043, 37.2816, 38.1367**.

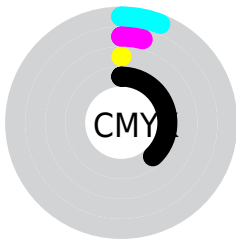
Distribution



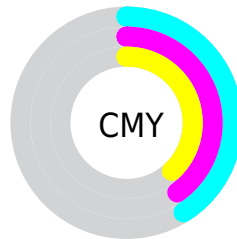
- Red (59%)
- Green (60%)
- Blue (62%)



- Red (59%)
- Yellow (60%)
- Blue (62%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0639, 31.4437, 37.2856 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 30.0639, 31.4437, 37.2856 by changing the saturation by 10% instead.

■ 30.0639, 31.4437,
37.2856

■ 30.0639, 31.4437,
37.2856

294.1067,
308.5773, 349.7512

■ 20.0354, 20.9369,
25.1312

■ 59.1492, 61.9380,
72.2030

■ 12.5292, 13.0779,
15.9549

■ 78.9366, 82.6943,
95.8032

■ 7.1799, 7.4822,
9.3382

102.7078,
107.6359, 124.0556

■ 3.6222, 3.7655,
4.8626

130.8280,
137.1472, 157.3788

■ 1.4907, 1.5433,
2.1096

163.6627,
171.6126, 196.1915

■ 0.3195, 0.3189,
0.6215

201.5771,

■ 0.0000, 0.0000,

211.4164, 240.9121

0.0000

244.9366,
256.9432, 291.9591

■ 30.0639, 31.4437,
37.2856

■ 30.0639, 31.4437,
37.2856

■ 25.4315, 26.2314,
36.5242

■ 35.3043, 37.2816,
38.1367

■ 21.3821, 21.6198,
35.8475

■ 41.1711, 43.7611,
39.0782

■ 17.8930, 17.5882,
35.2532

■ 47.6852, 50.9025,
40.1133

■ 14.9389, 14.1129,
34.7381

■ 54.8658, 58.7241,
41.2445

■ 12.4926, 11.1689,
34.2988

■ 62.7312, 67.2433,
42.4743

■ 10.5242, 8.7289,
33.9315

■ 71.2991, 76.4770,
43.8051

■ 9.0008, 6.7633,
33.6324

■ 78.2298, 85.2267,
45.1286

■ 7.8848, 5.2389,
33.3970

■ 81.9645, 92.6960,
46.3735

■ 7.1286, 4.1160,
33.2201

■ 83.2581, 95.2832,
46.8047

Harmonies

Analogous

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



29.5241, 31.4437, 37.1344



30.0639, 31.4437, 37.2856



30.5620, 31.4437, 36.6010

Triad

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



30.0639, 31.4437, 37.2856



30.7008, 31.4437, 32.3517



28.9126, 31.4437, 33.2058

Complementary

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



30.0639, 31.4437, 37.2856



31.8601, 33.6865, 33.6776

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.



29.2206, 31.4437, 31.9767



30.0639, 31.4437, 37.2856



30.2515, 31.4437, 31.4941

Square

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



30.0639, 31.4437, 37.2856



30.9327, 31.4437, 33.7317



29.7094, 31.4437, 31.3590



28.8638, 31.4437, 34.7470

Rectangle

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



30.0639, 31.4437, 37.2856



30.8018, 31.4437, 35.7747



29.7094, 31.4437, 31.3590



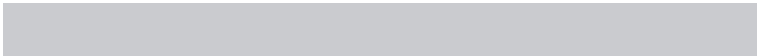
28.9891, 31.4437, 32.7437

Sweetspot

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



30.0648, 31.4450, 37.2863



57.1141, 59.9699, 67.3086



31.0536, 33.7117, 36.7243



12.9011, 13.5478, 15.1787



76.7382, 80.7346, 87.9200



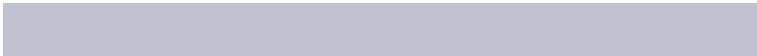
13.3056, 13.9985, 15.2444

Same Dimension

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



30.0648, 31.4450, 37.2863



52.5533, 54.8701, 66.5646



30.1887, 31.0305, 37.1997



6.5977, 6.8864, 8.3881



5.4532, 2.9980, 26.1985



0.1253, 0.1093, 0.4777

Inverse Universe

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



30.8726, 31.4512, 34.1509



54.3616, 54.8942, 59.5434



31.7303, 34.1267, 33.7694



6.8337, 6.8898, 7.4718



11.5507, 5.9249, 1.8853



0.2206, 0.1116, 0.1077

Previews

White Background



This preview shows how the XYZ color 30.0639, 31.4437, 37.2856 looks on a white background.

Color Contrast Check

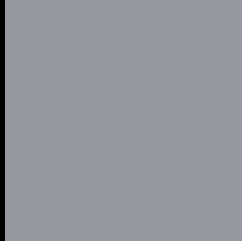
Large Text (above 18pt) WCAG AA × Fail

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 30.0639, 31.4437, 37.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

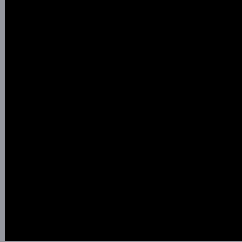
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0639, 31.4437, 37.2856

Background



This preview shows how black text looks on a background with the XYZ color 30.0639, 31.4437, 37.2856.



This preview shows how white text looks on a background with the XYZ color 30.0639, 31.4437,

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

30.0639, 31.4437, 37.2856

Protanopia

30.4615, 31.4087, 37.2579

Deuteranopia

32.0393, 31.5044, 37.6500



Tritanopia

30.4400, 31.3569, 39.0985

Trichromacy



Original Color

30.0639, 31.4437, 37.2856

Protanomaly

30.2735, 31.3118, 37.2491

Deuteranomaly

31.1932, 31.3021, 37.6556

Tritanomaly

30.3507, 31.3212, 38.6284

Monochromacy



Original Color

30.0639, 31.4437, 37.2856

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9071, 31.4023, 35.4953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0639, 31.4437, 37.2856 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(150, 152, 159)` looks like.

```
.text, #text, p{  
    color:rgb(150, 152, 159)  
}
```

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(150, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 152, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.0639, 31.4437, 37.2856 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(150, 152, 159) }
```


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

```
.border{ border-color:rgb(150, 152, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 152, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(150, 152,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0639, 31.4437, 37.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 152, 159) }
```

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

```
.background{ background-color: rgb(150,  
152, 159) }
```

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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