Converting Colors

XYZ(31.1157, 30.4025, 38.6734)

Have a look what the booklet for XYZ(31.1157, 30.4025, 38.6734) contains.

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Color

XYZ(31.0343, 30.2661, 38.8566)

Conversions

Format	Color
Hex	9F91A3
RGB	159, 145, 163
RGB Percent	62%, 57%, 64%
CMY	0.3765, 0.4314, 0.3608
CMYK	0.02, 0.11, 0.00, 0.36
HSL	287°, 9%, 60%
HSV	287°, 11%, 64%
XYZ	31.0343, 30.2661, 38.8566
YIQ	151.2380, 2.5660, 8.5660

Conversions Part 1

Conversions

Conversions Part 2

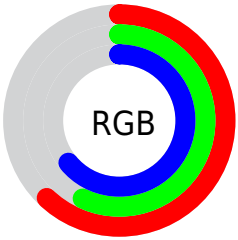
Format	Color
RYB	159, 145, 163
Decimal	10457507
CIELab	61.88, 8.60, -7.58
CIELCh	62, 11.462, 318.598
Yxy	30.2661, 0.3099, 0.3022
Android (android.graphics.Color)	4288647587 (0xFF9F91A3)
YUV	151.2380, 5.7987, 6.8073
Hunter-Lab	55.0146, 4.4180, -3.3660

Details

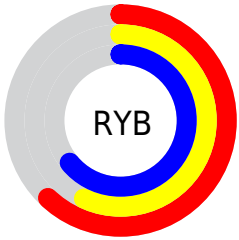
The XYZ color 31.0343, 30.2661, 38.8566 is a light color, and the websafe version is hex 999999. A complement of this color would be 30.6037, 34.6291, 31.8608, and the grayscale version is 29.4932, 31.0292, 33.7908.

A 20% lighter version of the original color is 60.8099, 60.2049, 74.7454, and 13.1458, 12.5203, 16.7627 is the 20% darker color. If you saturate the color by 10%, you get 28.0125, 25.2730, 38.0526, and if you desaturate by 10%, it is 34.4364, 35.9874, 39.7821.

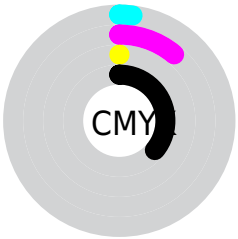
Distribution



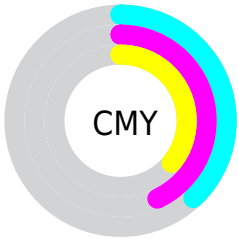
- Red (62%)
- Green (57%)
- Blue (64%)



- Red (62%)
- Yellow (57%)
- Blue (64%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0343, 30.2661, 38.8566 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 31.0343, 30.2661, 38.8566 by changing the saturation by 10% instead.

31.0343, 30.2661, 38.8566

31.0343, 30.2661, 38.8566

298.5204, 303.1428, 356.6882

20.7769, 20.0407, 26.3412

60.6695, 60.0827, 74.6371

13.0726, 12.4246, 16.8510

80.7781, 80.4427, 98.7394

7.5559, 7.0335, 9.9675

104.9011, 104.9497, 127.5409

3.8615, 3.4831, 5.2721

133.4040, 133.9880, 161.4604

1.6241, 1.3888, 2.3463

166.6519, 167.9421, 200.9163

0.4080, 0.2085, 0.7570

205.0104,

0.0000, 0.0000,

207.1963, 246.3273

0.0000

248.8448, 252.1351, 298.1117

31.0343, 30.2661, 38.8566

31.0343, 30.2661, 38.8566

28.0125, 25.2730, 38.0526

34.4364, 35.9874, 39.7821

25.3528, 20.9738, 37.3629

38.2304, 42.4616, 40.8317

23.0399, 17.3373, 36.7829

42.4309, 49.7169, 42.0108

21.0559, 14.3282, 36.3066

47.0508, 57.7791, 43.3234

19.3816, 11.9081, 35.9278

52.1025, 66.6726, 44.7738

17.9953, 10.0343, 35.6392

57.5979, 76.4208, 46.3658

16.8726, 8.6581, 35.4327

62.2249, 84.3995, 47.6619

15.9847, 7.7221, 35.2988

63.1062, 84.8538, 47.7032

15.3293, 7.1388, 35.2208

64.0100, 85.3197, 47.7455

Harmonies

Analogous

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

29.7170, 30.2661, 41.6173

31.0343, 30.2661, 38.8566

31.7532, 30.2661, 34.6513

Triad

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

31.0343, 30.2661, 38.8566

29.3535, 30.2661, 25.3552

26.0637, 30.2661, 35.7199

Complementary

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

31.0343, 30.2661, 38.8566

30.6037, 34.6291, 31.8608

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.

25.9742, 30.2661, 31.3143

31.0343, 30.2661, 38.8566

27.8375, 30.2661, 25.5861

Square

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

31.0343, 30.2661, 38.8566

30.7601, 30.2661, 27.0214

26.6129, 30.2661, 27.6828

26.8620, 30.2661, 39.6984

Rectangle

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

31.0343, 30.2661, 38.8566

31.7800, 30.2661, 31.7091

26.6129, 30.2661, 27.6828

25.9508, 30.2661, 34.2323

Sweetspot

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

31.0352, 30.2674, 38.8573

60.3892, 62.2791, 70.8943

29.0683, 30.2238, 38.9525

13.4525, 13.8008, 15.8923

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.

31.0352, 30.2674, 38.8573

54.3327, 52.1284, 69.2543

31.4194, 30.5142, 36.6727

7.2096, 7.1224, 8.8978

11.9535, 5.5687, 27.3746

0.2872, 0.1356, 0.5769

Inverse Universe

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

30.6556, 30.2087, 32.6506

53.5410, 52.0111, 56.0764

30.2643, 34.4105, 33.8179

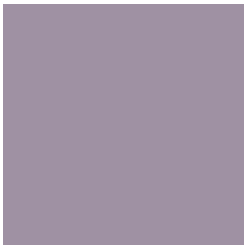
7.1352, 7.1106, 7.6986

12.0037, 6.1575, 1.9443

0.2684, 0.1359, 0.1260

Previews

White Background

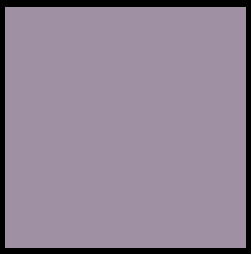


This preview shows how the XYZ color 31.0343, 30.2661, 38.8566 looks on a white background.

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



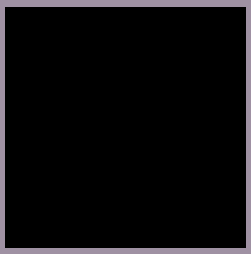
This preview shows how the XYZ color 31.0343, 30.2661, 38.8566 looks on a black background.

Color Contrast Check

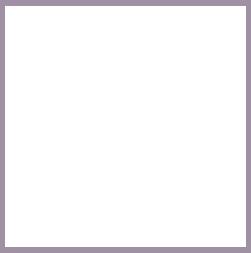
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 31.0343, 30.2661, 38.8566 Background



This preview shows how black text looks on a background with the XYZ color 31.0343, 30.2661, 38.8566.



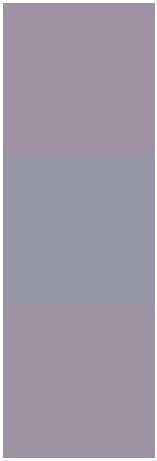
This preview shows how white text looks on a background with the XYZ color 31.0343, 30.2661,

38.8566.

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



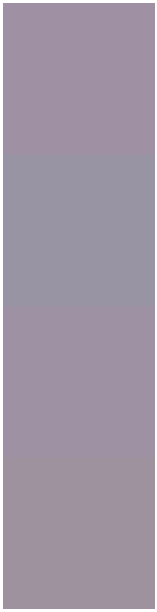
Original Color
31.0343, 30.2661, 38.8566

Protanopia
29.7517, 30.5074, 39.9177

Deuteranopia
30.8368, 30.1642, 38.8473

Tritanopia
30.4652, 30.2612, 36.1336

Trichromacy



Original Color
31.0343, 30.2661, 38.8566

Protanomaly
30.2396, 30.5355, 39.4221

Deuteranomaly
30.8368, 30.1642, 38.8473

Tritanomaly
30.6374, 30.3301, 37.0404

Monochromacy

Original Color
31.0343, 30.2661, 38.8566

Achromatopsia
29.4150, 30.9469, 33.7012

Achromatomaly
29.9903, 30.7315, 35.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0343, 30.2661, 38.8566 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, 145, 163) looks like.

```
.text, #text, p{
    color:rgb(159, 145, 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(159, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 145, 163) }
```

Border

The CSS property to change the border of an element to XYZ 31.0343, 30.2661, 38.8566 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, 145, 163) }
```

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

```
.border{ border-color:rgb(159, 145, 163) }
```

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

Here you see how a box with a 4 pixel rgb(159, 145, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 145, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 145, 163); box-shadow:4px 4px 4px 4px rgb(159, 145, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0343, 30.2661, 38.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(159, 145, 163) }
```

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

```
.background{ background-color:rgb(159,
145, 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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