

Converting Colors

XYZ(31.7464, 31.5462, 39.5378)

Have a look what the booklet for
XYZ(31.7464, 31.5462, 39.5378)
contains.

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Color

**XYZ(31.7464, 31.5462,
39.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	9F95A4
RGB	159, 149, 164
RGB Percent	62%, 58%, 64%
CMY	0.3765, 0.4157, 0.3569
CMYK	0.03, 0.09, 0.00, 0.36
HSL	280°, 8%, 61%
HSV	280°, 9%, 64%
XYZ	31.7464, 31.5462, 39.5378
YIQ	153.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

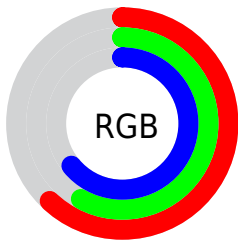
Format	Color
R _Y B	159, 149, 164
Decimal	10458532
CIE Lab	62.97, 6.54, -6.54
CIE LCh	63, 9.250, 315.026
Yxy	31.5462, 0.3087, 0.3068
Android (android.graphics.Color)	4288648612 (0xFF9F95A4)
YUV	153.7000, 5.0779, 4.6481
Hunter-Lab	56.1660, 2.6021, -2.4207

Details

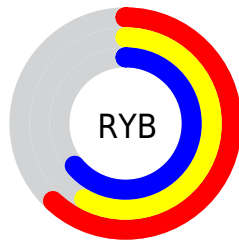
The XYZ color **31.7464, 31.5462, 39.5378** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0279, 35.5917, 33.6172**, and the grayscale version is **30.5627, 32.1543, 35.0160**.

A 20% lighter version of the original color is **61.8737, 62.1225, 75.7476**, and **13.4767, 13.0934, 17.1462** is the 20% darker color. If you saturate the color by 10%, you get **28.2722, 26.1715, 38.6840**, and if you desaturate by 10%, it is **35.6358, 37.6791, 40.5170**.

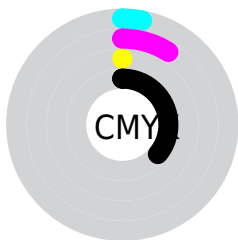
Distribution



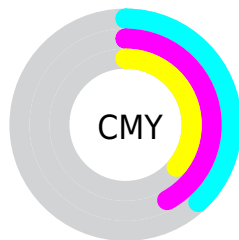
- Red (62%)
- Green (58%)
- Blue (64%)



- Red (62%)
- Yellow (58%)
- Blue (64%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7464, 31.5462, 39.5378 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 31.7464, 31.5462, 39.5378 by changing the saturation by 10% instead.

■ 31.7464, 31.5462,
39.5378

■ 31.7464, 31.5462,
39.5378

301.7283,
309.0468, 359.6656

■ 21.3225, 21.0151,
26.8673

■ 61.7812, 62.0990,
75.6885

■ 13.4737, 13.1351,
17.2420

■ 82.1228, 82.8895,
100.0059

■ 7.8348, 7.5216,
10.2434

106.5010,
107.8686, 129.0426

■ 4.0403, 3.7904,
5.4529

135.2811,
137.4207, 163.2172

■ 1.7250, 1.5570,
2.4520

168.8285,
171.9302, 202.9483

■ 0.4718, 0.3284,
0.8146

207.5086,

■ 0.0000, 0.0000,

211.7814, 248.6544

0.0000

251.6868,
257.3588, 300.7539

■ 31.7464, 31.5462,
39.5378

■ 31.7464, 31.5462,
39.5378

■ 28.2722, 26.1715,
38.6840

■ 35.6358, 37.6791,
40.5170

■ 25.1946, 21.5202,
37.9484

■ 39.9526, 44.5950,
41.6244

■ 22.4976, 17.5610,
37.3263

■ 44.7117, 52.3227,
42.8652

■ 20.1632, 14.2583,
36.8119

■ 49.9266, 60.8882,
44.2436

■ 18.1715, 11.5735,
36.3986

■ 55.6102, 70.3163,
45.7639

■ 16.5007, 9.4641,
36.0795

■ 61.7748, 80.6308,
47.4299

■ 15.1260, 7.8815,
35.8465

■ 65.5587, 86.1077,
48.2876

■ 14.0187, 6.7692,
35.6902

■ 67.0191, 86.8606,
48.3560

■ 13.1209, 6.0126,
35.5915

■ 68.5321, 87.6406,
48.4268

Harmonies

Analogous

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



30.6219, 31.5462, 41.5630



31.7464, 31.5462, 39.5378



32.4076, 31.5462, 36.1893

Triad

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



31.7464, 31.5462, 39.5378



30.6198, 31.5462, 28.0197



27.6843, 31.5462, 36.1955

Complementary

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



31.7464, 31.5462, 39.5378



32.0279, 35.5917, 33.6172

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.



27.6838, 31.5462, 32.5711



31.7464, 31.5462, 39.5378



29.3545, 31.5462, 28.0211

Square

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



31.7464, 31.5462, 39.5378



31.7448, 31.5462, 29.6303



28.2875, 31.5462, 29.6343



28.2890, 31.5462, 39.5427

Rectangle

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



31.7464, 31.5462, 39.5378



32.4852, 31.5462, 33.7388



28.2875, 31.5462, 29.6343



27.6140, 31.5462, 34.9654

Sweetspot

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



31.7473, 31.5476, 39.5385



61.8320, 63.8725, 72.8221



30.6935, 32.2651, 39.7325



13.3960, 13.7717, 15.8897



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.



31.7473, 31.5476, 39.5385



56.2646, 55.1404, 71.4300



32.5576, 31.9886, 38.5251



7.1338, 7.0833, 8.8943



10.0562, 4.5907, 27.2858



0.2582, 0.1206, 0.5755

Inverse Universe

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



31.8912, 31.7220, 35.0156



56.5920, 55.5302, 61.4605



31.2773, 35.1838, 34.5289



7.1666, 7.1231, 7.8639



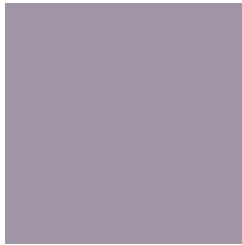
12.2818, 6.2688, 3.4087



0.2793, 0.1402, 0.1832

Previews

White Background



This preview shows how the XYZ color 31.7464, 31.5462, 39.5378 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 31.7464, 31.5462, 39.5378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

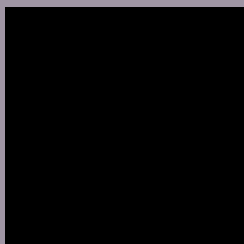
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7464, 31.5462, 39.5378

Background



This preview shows how black text looks on a background with the XYZ color 31.7464, 31.5462, 39.5378.



This preview shows how white text looks on a background with the XYZ color 31.7464, 31.5462,

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

31.7464, 31.5462, 39.5378

Protanopia

30.6206, 31.4291, 40.0499

Deuteranopia

32.1910, 31.5415, 39.5134



Tritanopia

31.4785, 31.4390, 38.1275

Trichromacy



Original Color

31.7464, 31.5462, 39.5378

Protanomaly

31.0243, 31.3993, 40.0228

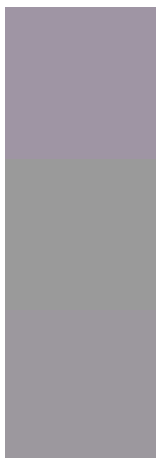
Deuteranomaly

31.9887, 31.4372, 39.5040

Tritanomaly

31.5671, 31.4745, 38.5938

Monochromacy



Original Color

31.7464, 31.5462, 39.5378

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1101, 31.9930, 36.8833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7464, 31.5462, 39.5378 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, 149, 164)` looks like.

```
.text, #text, p{  
    color:rgb(159, 149, 164)  
}
```

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, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 149, 164) }
```

Border

The CSS property to change the border of an element to XYZ 31.7464, 31.5462, 39.5378 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, 149, 164) }
```


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

```
.border{ border-color:rgb(159, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(159, 149,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7464, 31.5462, 39.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 149, 164) }
```

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

```
.background{ background-color: rgb(159,  
149, 164) }
```

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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