

Converting Colors

XYZ(31.0370, 35.3755, 32.3888)

Have a look what the booklet for
XYZ(31.0370, 35.3755, 32.3888)
contains.

XYZ(31.0379, 35.3752, 32.3863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.0379, 35.3752,
32.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	95A592
RGB	149, 165, 146
RGB Percent	58%, 65%, 57%
CMY	0.4157, 0.3529, 0.4274
CMYK	0.10, 0.00, 0.12, 0.35
HSL	111°, 10%, 61%
HSV	111°, 12%, 65%
XYZ	31.0379, 35.3752, 32.3863
YIQ	158.0500, -3.4370, -9.3010

Conversions

Conversions Part 2

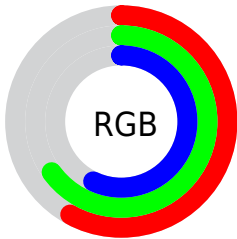
Format	Color
RYB	146, 165, 162
Decimal	9807250
CIELab	66.04, -9.31, 7.94
CIELCh	66, 12.235, 139.517
Yxy	35.3752, 0.3142, 0.3581
Android (android.graphics.Color)	4287997330 (0xFF95A592)
YUV	158.0500, -5.9406, -7.9368
Hunter-Lab	59.4771, -10.9352, 9.3495

Details

The XYZ color **31.0379, 35.3752, 32.3863** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9721, 30.9567, 39.8893**, and the grayscale version is **32.5501, 34.2453, 37.2931**.

A 20% lighter version of the original color is **60.6471, 68.0530, 64.5827**, and **13.0535, 15.2515, 13.3222** is the 20% darker color. If you saturate the color by 10%, you get **27.4603, 33.6697, 25.9954**, and if you desaturate by 10%, it is **35.1052, 37.3138, 39.7687**.

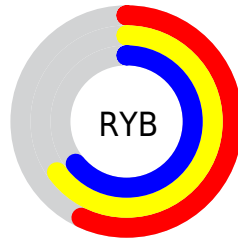
Distribution



Red (58%)

Green (65%)

Blue (57%)



Red (57%)

Yellow (65%)

Blue (64%)

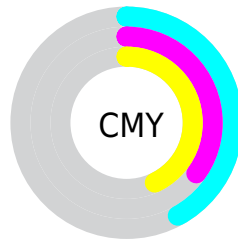


Cyan (10%)

Magenta (0%)

Yellow (12%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0379, 35.3752, 32.3863 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 31.0379, 35.3752, 32.3863 by changing the saturation by 10% instead.

■ 31.0379, 35.3752,
32.3863

■ 31.0379, 35.3752,
32.3863

298.5366,
326.2214, 327.4220

■ 20.7797, 23.9520,
21.3895

■ 60.6752, 68.0666,
64.5211

■ 13.0746, 15.2980,
13.2150

■ 80.7849, 90.1036,
86.4962

■ 7.5573, 9.0288,
7.4443

104.9093,
116.4474, 112.9678

■ 3.8624, 4.7600,
3.6588

133.4135,
147.4823, 144.3544

■ 1.6246, 2.1071,
1.4401

166.6630,
183.5928, 181.0746

■ 0.4084, 0.6686,
0.1727

205.0231,

■ 0.0000, 0.0000,

225.1632, 223.5469

0.0000

248.8592,
272.5779, 272.1899

■ 31.0379, 35.3752,
32.3863

■ 31.0379, 35.3752,
32.3863

■ 27.4603, 33.6697,
25.9954

■ 35.1052, 37.3138,
39.7687

■ 24.3511, 32.1841,
20.5516

■ 39.6769, 39.4892,
48.1798

■ 21.6916, 30.9108,
16.0105

■ 44.7705, 41.9105,
57.6579

■ 19.4605, 29.8400,
12.3233

■ 50.4019, 44.5852,
68.2385

■ 17.6352, 28.9610,
9.4367

■ 56.5863, 47.5205,
79.9555

■ 16.1907, 28.2623,
7.2910

■ 63.3382, 50.7230,
92.8413

■ 15.0990, 27.7310,
5.8187

■ 69.6066, 53.7734,
101.3184

■ 14.3284, 27.3524,
4.9397

■ 72.7458, 55.3917,
101.4653

■ 13.8831, 27.1319,
4.5053

Harmonies

Analogous

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



32.4706, 35.3752, 29.8442



31.0379, 35.3752, 32.3863



30.3068, 35.3752, 36.7276

Triad

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



31.0379, 35.3752, 32.3863



32.9921, 35.3752, 49.2051



37.0209, 35.3752, 35.2740

Complementary

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



31.0379, 35.3752, 32.3863



31.9721, 30.9567, 39.8893

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.



37.1728, 35.3752, 40.3648



31.0379, 35.3752, 32.3863



34.8025, 35.3752, 48.7270

Square

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



31.0379, 35.3752, 32.3863



31.4079, 35.3752, 46.6307



36.3479, 35.3752, 45.3776



35.9401, 35.3752, 31.4047

Rectangle

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



31.0379, 35.3752, 32.3863



30.2973, 35.3752, 40.1939



36.3479, 35.3752, 45.3776



37.1837, 35.3752, 36.8886

Sweetspot

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



31.0389, 35.3767, 32.3871



61.6893, 66.2619, 69.0673



33.5979, 35.8583, 32.3452



13.3572, 14.4246, 14.8638



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.



31.0389, 35.3767, 32.3871



53.7441, 62.4759, 54.6905



31.0051, 35.3008, 35.0296



7.0849, 7.9462, 7.5405



10.5311, 20.5395, 3.4095



0.2492, 0.4459, 0.0729

Inverse Universe

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



31.9721, 30.9567, 39.8893



55.7742, 52.8578, 71.0153



32.0263, 31.0496, 36.9560



7.2540, 7.1453, 8.8999



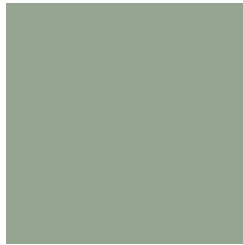
13.2213, 6.2223, 27.4340



0.3055, 0.1450, 0.5777

Previews

White Background



This preview shows how the XYZ color 31.0379, 35.3752, 32.3863 looks on a white background.

Color Contrast Check

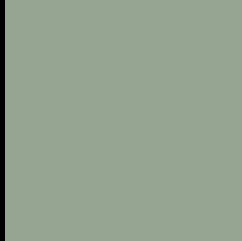
Large Text (above 18pt) WCAG AA × Fail

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 31.0379, 35.3752, 32.3863 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

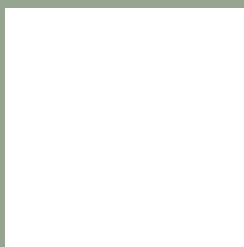
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0379, 35.3752, 32.3863

Background



This preview shows how black text looks on a background with the XYZ color 31.0379, 35.3752, 32.3863.



This preview shows how white text looks on a background with the XYZ color 31.0379, 35.3752,

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

31.0379, 35.3752, 32.3863

Protanopia

33.4651, 35.3403, 31.0442

Deuteranopia

35.8890, 35.2841, 32.9359



Tritanopia

33.5217, 35.3180, 45.0947

Trichromacy



Original Color

31.0379, 35.3752, 32.3863

Protanomaly

32.4516, 35.3279, 31.4941

Deuteranomaly

34.0268, 35.3379, 32.6313

Tritanomaly

32.5701, 35.1964, 40.1989

Monochromacy



Original Color

31.0379, 35.3752, 32.3863

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0952, 34.7914, 35.5957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0379, 35.3752, 32.3863 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, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 165, 146)  
}
```

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, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 165, 146) }
```

Border

The CSS property to change the border of an element to XYZ 31.0379, 35.3752, 32.3863 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, 165, 146) }
```


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

```
.border{ border-color:rgb(149, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 165,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0379, 35.3752, 32.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 165, 146) }
```

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

```
.background{ background-color: rgb(149,  
165, 146) }
```

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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