

Converting Colors

XYZ(32.0388, 38.1360, 31.2636)

Have a look what the booklet for
XYZ(32.0388, 38.1360, 31.2636)
contains.

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Color

**XYZ(32.0388, 38.1360,
31.2636)**

Conversions

Conversions Part 1

Format	Color
Hex	94AD8E
RGB	148, 173, 142
RGB Percent	58%, 68%, 56%
CMY	0.4196, 0.3216, 0.4431
CMYK	0.14, 0.00, 0.18, 0.32
HSL	108°, 16%, 62%
HSV	108°, 18%, 68%
XYZ	32.0388, 38.1360, 31.2636
YIQ	161.9910, -4.9490, -14.9410

Conversions

Conversions Part 2

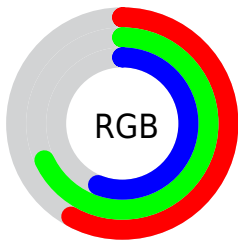
Format	Color
RYB	142, 173, 167
Decimal	9743758
CIELab	68.12, -14.61, 13.09
CIELCh	68, 19.620, 138.144
Yxy	38.1360, 0.3158, 0.3760
Android (android.graphics.Color)	4287933838 (0xFF94AD8E)
YUV	161.9910, -9.8556, -12.2701
Hunter-Lab	61.7544, -15.4625, 13.2120

Details

The XYZ color **32.0388, 38.1360, 31.2636** is a light color, and the websafe version is hex **999966**. A complement of this color would be **33.1537, 30.5797, 43.6922**, and the grayscale version is **34.3856, 36.1764, 39.3961**.

A 20% lighter version of the original color is **62.0643, 72.0289, 62.8564**, and **13.6989, 16.9888, 12.6824** is the 20% darker color. If you saturate the color by 10%, you get **28.4661, 36.4340, 24.8342**, and if you desaturate by 10%, it is **36.1194, 40.0788, 38.7707**.

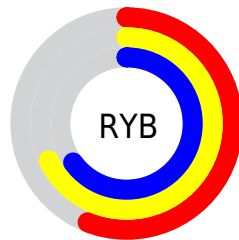
Distribution



Red (58%)

Green (68%)

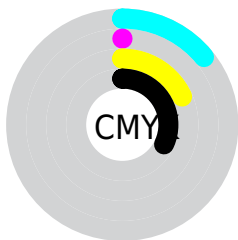
Blue (56%)



Red (56%)

Yellow (68%)

Blue (65%)

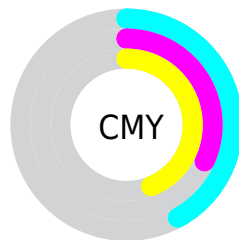


Cyan (14%)

Magenta (0%)

Yellow (18%)

Black (32%)



Cyan (42%)


Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0388, 38.1360, 31.2636 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 32.0388, 38.1360, 31.2636 by changing the saturation by 10% instead.


 32.0388, 38.1360,
31.2636


 32.0388, 38.1360,
31.2636


303.0381,
338.2030, 322.1396


 21.5468, 26.0883,
20.5395


 62.2367, 72.3165,
62.7393

 13.6390, 16.8897,
12.5999


 82.6733, 95.2181,
84.3279

 7.9501, 10.1559,
7.0261


 107.1556,
122.5065, 110.3752

 4.1145, 5.5024,
3.3997

136.0487,
154.5659, 141.2996

 1.7671, 2.5450,
1.3022

169.7182,
191.7809, 177.5198

 0.4977, 0.8991,
0.0636

208.5294,

 0.0000, 0.0000,

234.5358, 219.4541

0.0000

252.8476,
283.2151, 267.5212

■ 32.0388, 38.1360,
31.2636

■ 32.0388, 38.1360,
31.2636

■ 28.4661, 36.4340,
24.8342

■ 36.1194, 40.0788,
38.7707

■ 25.3783, 34.9585,
19.4308

■ 40.7238, 42.2662,
47.3993

■ 22.7550, 33.7015,
15.0010

■ 45.8709, 44.7082,
57.1936

■ 20.5730, 32.6522,
11.4868

■ 51.5777, 47.4126,
68.1947

■ 18.8074, 31.7990,
8.8241

■ 57.8607, 50.3870,
80.4419

■ 17.4304, 31.1294,
6.9405

■ 64.7354, 53.6387,
93.9724

■ 16.4106, 30.6290,
5.7516

■ 70.8842, 56.6416,
101.8047

■ 15.7049, 30.2784,
5.1199

■ 74.2343, 58.3686,
101.9614

■ 15.5869, 30.2199,
5.0115

Harmonies

Analogous

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



34.4455, 38.1360, 27.4803



32.0388, 38.1360, 31.2636



30.7881, 38.1360, 38.1567

Triad

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



32.0388, 38.1360, 31.2636



35.0516, 38.1360, 60.2954



42.1311, 38.1360, 36.4940

Complementary

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



32.0388, 38.1360, 31.2636



33.1537, 30.5797, 43.6922

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.



42.3160, 38.1360, 45.0830



32.0388, 38.1360, 31.2636



38.1105, 38.1360, 59.6841

Square

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



32.0388, 38.1360, 31.2636



32.4609, 38.1360, 55.3821



40.8087, 38.1360, 53.8136



40.3168, 38.1360, 30.1944

Rectangle

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



32.0388, 38.1360, 31.2636



30.7288, 38.1360, 43.9568



40.8087, 38.1360, 53.8136



42.3894, 38.1360, 39.1820

Sweetspot

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



32.0398, 38.1376, 31.2644



66.9240, 72.8401, 73.6029



35.8998, 38.4032, 31.1122



14.4261, 15.7737, 15.7754



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.0398, 38.1376, 31.2644



54.4120, 66.8858, 50.6163



31.7104, 37.8837, 35.0480



8.0438, 9.0112, 8.5287



11.4882, 22.2195, 3.6833



0.3610, 0.6395, 0.1044

Inverse Universe

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



33.1537, 30.5797, 43.6922



56.8244, 50.4998, 77.5582



33.5817, 30.9008, 39.1761



8.1829, 8.0686, 10.0788



13.4736, 6.3058, 29.5515



0.4132, 0.1952, 0.8239

Previews

White Background



This preview shows how the XYZ color 32.0388, 38.1360, 31.2636 looks on a white background.

Color Contrast Check

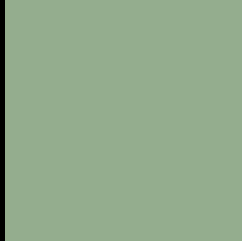
Large Text (above 18pt) WCAG AA × Fail

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 32.0388, 38.1360, 31.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

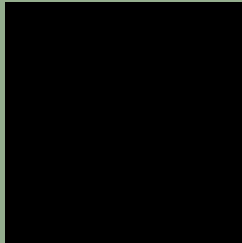
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

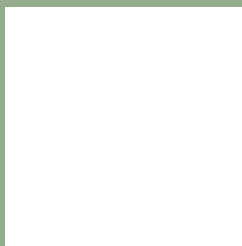
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0388, 38.1360, 31.2636

Background



This preview shows how black text looks on a background with the XYZ color 32.0388, 38.1360, 31.2636.



This preview shows how white text looks on a background with the XYZ color 32.0388, 38.1360,

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

32.0388, 38.1360, 31.2636

Protanopia

35.7218, 37.8592, 29.4696

Deuteranopia

38.6679, 38.0048, 32.0857



Tritanopia

35.6695, 38.2115, 49.2116

Trichromacy



Original Color

32.0388, 38.1360, 31.2636

Protanomaly

34.1799, 37.8687, 29.9340

Deuteranomaly

35.9447, 37.9226, 31.8109

Tritanomaly

34.2987, 38.2149, 42.1277

Monochromacy



Original Color

32.0388, 38.1360, 31.2636

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.4572, 36.8071, 36.3514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0388, 38.1360, 31.2636 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(148, 173, 142)` looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 142)  
}
```

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(148, 173, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 142) }
```

Border

The CSS property to change the border of an element to XYZ 32.0388, 38.1360, 31.2636 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(148, 173, 142) }
```


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

```
.border{ border-color:rgb(148, 173, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 173, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 142);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0388, 38.1360, 31.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 142) }
```

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

```
.background{ background-color: rgb(148,  
173, 142) }
```

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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