

Converting Colors

XYZ(32.4880, 31.8200, 44.4740)

Have a look what the booklet for
XYZ(32.4880, 31.8200, 44.4740)
contains.

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Color

**XYZ(32.4880, 31.8200,
44.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	9E95AE
RGB	158, 149, 174
RGB Percent	62%, 58%, 68%
CMY	0.3804, 0.4157, 0.3176
CMYK	0.09, 0.14, 0.00, 0.32
HSL	262°, 13%, 63%
HSV	262°, 14%, 68%
XYZ	32.4880, 31.8200, 44.4740
YIQ	154.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

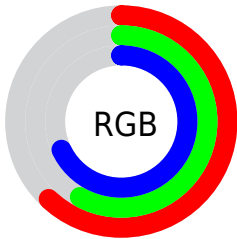
Format	Color
RYB	158, 149, 174
Decimal	10393006
CIELab	63.19, 8.24, -11.85
CIELCh	63, 14.436, 304.816
Yxy	31.8200, 0.2987, 0.2925
Android (android.graphics.Color)	4288583086 (0xFF9E95AE)
YUV	154.5410, 9.5933, 3.0335
Hunter-Lab	56.4092, 4.0881, -7.2588

Details

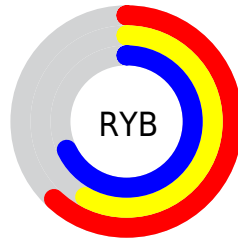
The XYZ color **32.4880, 31.8200, 44.4740** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0791, 40.4422, 34.3399**, and the grayscale version is **30.9138, 32.5237, 35.4183**.

A 20% lighter version of the original color is **62.9394, 62.5151, 82.8781**, and **13.9439, 13.2663, 20.2381** is the 20% darker color. If you saturate the color by 10%, you get **27.8460, 25.6418, 43.5266**, and if you desaturate by 10%, it is **37.7417, 38.9258, 45.5692**.

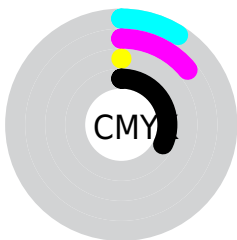
Distribution



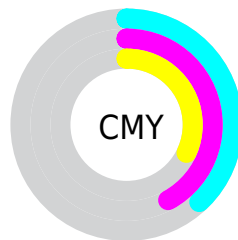
- Red (62%)
- Green (58%)
- Blue (68%)



- Red (62%)
- Yellow (58%)
- Blue (68%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (32%)



- Cyan (38%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4880, 31.8200, 44.4740 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 32.4880, 31.8200, 44.4740 by changing the saturation by 10% instead.

■ 32.4880, 31.8200,
44.4740

■ 32.4880, 31.8200,
44.4740

305.0422,
310.2985, 380.7369

■ 21.8919, 21.2240,
30.7034

■ 62.9354, 62.5288,
83.2406

■ 13.8936, 13.2879,
20.1165

■ 83.5173, 83.4104,
109.0737

■ 8.1279, 7.6271,
12.2949

108.1586,
108.4894, 139.7646

■ 4.2294, 3.8573,
6.8198

137.2246,
138.1502, 175.7320

■ 1.8327, 1.5940,
3.2730

171.0806,
172.7770, 217.3944

■ 0.5373, 0.3536,
1.2356

210.0919,

■ 0.0000, 0.0000,

212.7545, 265.1703

0.0082

254.6240,
258.4668, 319.4783

■ 0.0000, 0.0000,
0.0000

■ 32.4880, 31.8200,
44.4740

■ 32.4880, 31.8200,
44.4740

■ 27.8460, 25.6418,
43.5266

■ 37.7417, 38.9258,
45.5692

■ 23.7895, 20.3481,
42.7186

■ 43.6264, 46.9920,
46.8159

■ 20.2945, 15.8984,
42.0440

■ 50.1640, 56.0544,
48.2206

■ 17.3338, 12.2472,
41.4953

■ 57.3744, 66.1460,
49.7884

■ 14.8784, 9.3450,
41.0645

■ 65.2767, 77.2983,
51.5245

■ 12.8956, 7.1360,
40.7426

■ 73.8893, 89.5412,
53.4337

■ 11.3486, 5.5566,
40.5193

■ 77.9788, 92.4020,
53.7704

■ 10.1941, 4.5306,
40.3821

■ 81.7920, 94.3678,
53.9488

■ 9.6666, 4.1007,
40.3270

■ 84.6401, 95.8360,
54.0821

Harmonies

Analogous

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



30.5673, 31.8200, 46.7907



32.4880, 31.8200, 44.4740



33.8508, 31.8200, 39.5361

Triad

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



32.4880, 31.8200, 44.4740



31.9062, 31.8200, 25.6233



26.5794, 31.8200, 35.5774

Complementary

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



32.4880, 31.8200, 44.4740



36.0791, 40.4422, 34.3399

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.



26.9029, 31.8200, 30.1778



32.4880, 31.8200, 44.4740



29.9229, 31.8200, 24.8096

Square

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



32.4880, 31.8200, 44.4740



33.5047, 31.8200, 28.7436



28.1057, 31.8200, 26.3853



27.2019, 31.8200, 41.3070

Rectangle

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



32.4880, 31.8200, 44.4740



34.2285, 31.8200, 35.6489



28.1057, 31.8200, 26.3853



26.5813, 31.8200, 33.6632

Sweetspot

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



32.4890, 31.8213, 44.4747



68.7578, 71.0138, 82.7200



33.5358, 36.4472, 45.3124



15.1154, 15.5566, 18.3504



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.4890, 31.8213, 44.4747



56.3467, 54.2597, 80.1402



35.0201, 33.1262, 44.5932



7.8409, 7.8923, 10.0628



7.0710, 3.0051, 29.2519



0.2576, 0.1150, 0.8166

Inverse Universe

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



34.9956, 33.2116, 40.1648



61.7430, 57.2541, 70.7893



33.6517, 39.1909, 34.2263



8.2128, 8.0984, 9.4316



14.7856, 7.3768, 11.7823



0.4362, 0.2152, 0.4589

Previews

White Background



This preview shows how the XYZ color 32.4880, 31.8200, 44.4740 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 32.4880, 31.8200, 44.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

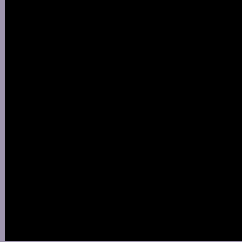
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4880, 31.8200, 44.4740

Background



This preview shows how black text looks on a background with the XYZ color 32.4880, 31.8200, 44.4740.



This preview shows how white text looks on a background with the XYZ color 32.4880, 31.8200,

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

32.4880, 31.8200, 44.4740

Protanopia

31.4591, 31.9806, 45.5891

Deuteranopia

32.4880, 31.8200, 44.4740



Tritanopia

31.3878, 31.8455, 39.1428

Trichromacy



Original Color

32.4880, 31.8200, 44.4740

Protanomaly

31.7534, 31.9038, 45.0419

Deuteranomaly

32.4880, 31.8200, 44.4740

Tritanomaly

31.7860, 31.7708, 41.0163

Monochromacy



Original Color

32.4880, 31.8200, 44.4740

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6231, 32.4590, 38.7809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4880, 31.8200, 44.4740 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(158, 149, 174)` looks like.

```
.text, #text, p{  
    color:rgb(158, 149, 174)  
}
```

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(158, 149, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 149, 174) }
```

Border

The CSS property to change the border of an element to XYZ 32.4880, 31.8200, 44.4740 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(158, 149, 174) }
```


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

```
.border{ border-color:rgb(158, 149, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 149, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 149, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 149, 174);  
box-shadow:4px 4px 4px 4px rgb(158, 149,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4880, 31.8200, 44.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 149, 174) }
```

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

```
.background{ background-color: rgb(158,  
149, 174) }
```

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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