

Converting Colors

XYZ(30.4868, 31.8612, 30.3552)

Have a look what the booklet for
XYZ(30.4868, 31.8612, 30.3552)
contains.

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Color

**XYZ(30.4842, 31.8106,
30.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	9F988F
RGB	159, 152, 143
RGB Percent	62%, 60%, 56%
CMY	0.3765, 0.4039, 0.4392
CMYK	0.00, 0.04, 0.10, 0.38
HSL	34°, 8%, 59%
HSV	34°, 10%, 62%
XYZ	30.4842, 31.8106, 30.5200
YIQ	153.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

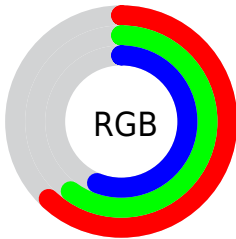
Format	Color
R _Y B	155, 159, 143
Decimal	10459279
CIE Lab	63.19, 0.94, 5.64
CIE LCh	63, 5.715, 80.583
Yxy	31.8106, 0.3284, 0.3427
Android (android.graphics.Color)	4288649359 (0xFF9F988F)
YUV	153.0670, -4.9630, 5.2032
Hunter-Lab	56.4009, -2.2238, 7.3972

Details

The XYZ color **30.4842, 31.8106, 30.5200** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4919, 30.1548, 37.1198**, and the grayscale version is **30.3269, 31.9063, 34.7459**.

A 20% lighter version of the original color is **59.8809, 62.4700, 61.7252**, and **12.8138, 13.2858, 12.2450** is the 20% darker color. If you saturate the color by 10%, you get **28.2688, 29.1724, 24.2542**, and if you desaturate by 10%, it is **32.9383, 34.6522, 37.7085**.

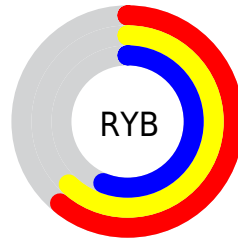
Distribution



Red (62%)

Green (60%)

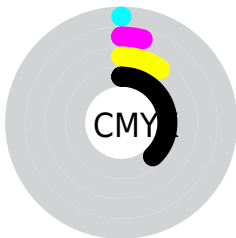
Blue (56%)



Red (61%)

Yellow (62%)

Blue (56%)

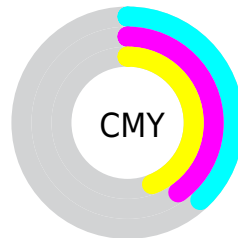


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4842, 31.8106, 30.5200 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 30.4842, 31.8106, 30.5200 by changing the saturation by 10% instead.

■ 30.4842, 31.8106,
30.5200

■ 30.4842, 31.8106,
30.5200

296.0244,
310.2556, 318.6033

■ 20.3563, 21.2169,
19.9782

■ 59.8085, 62.5141,
61.5543

■ 12.7641, 13.2826,
12.1953

■ 79.7355, 83.3926,
82.8838

■ 7.3422, 7.6234,
6.7527

103.6597,
108.4681, 108.6464

■ 3.7252, 3.8550,
3.2318

131.9463,
138.1251, 139.2605

■ 1.5479, 1.5928,
1.2142

164.9607,
172.7480, 175.1447

■ 0.3581, 0.3527,
0.0000

203.0683,

■ 0.0000, 0.0000,

212.7211, 216.7175

0.0000

246.6344,
258.4288, 264.3975

■ 30.4842, 31.8106,
30.5200

■ 30.4842, 31.8106,
30.5200

■ 28.2688, 29.1724,
24.2542

■ 32.9383, 34.6522,
37.7085

■ 26.2811, 26.7283,
18.8710

■ 35.6363, 37.6980,
45.8534

■ 24.5133, 24.4744,
14.3304

■ 38.5865, 40.9539,
54.9892

■ 22.9559, 22.4050,
10.5886

■ 41.7960, 44.4246,
65.1482

■ 21.5987, 20.5140,
7.5976

■ 45.2715, 48.1143,
76.3610

■ 20.4304, 18.7950,
5.3043

■ 49.0196, 52.0273,
88.6571

■ 19.4384, 17.2407,
3.6486

■ 53.0466, 56.1676,
102.0648

■ 18.6079, 15.8433,
2.5598

■ 54.8132, 59.5210,
103.2075

■ 17.9099, 14.5945,
1.8731

■ 56.5417, 62.9781,
103.7837

Harmonies

Analogous

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



31.2097, 31.8106, 31.3835



30.4842, 31.8106, 30.5200



29.7042, 31.8106, 30.7218

Triad

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



30.4842, 31.8106, 30.5200



28.8354, 31.8106, 36.1882



31.4236, 31.8106, 37.4723

Complementary

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



30.4842, 31.8106, 30.5200



28.4919, 30.1548, 37.1198

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.



30.7721, 31.8106, 38.8700



30.4842, 31.8106, 30.5200



29.2809, 31.8106, 38.1065

Square

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



30.4842, 31.8106, 30.5200



28.7613, 31.8106, 33.9295



29.9872, 31.8106, 39.1071



31.7582, 31.8106, 35.3529

Rectangle

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



30.4842, 31.8106, 30.5200



29.2577, 31.8106, 31.4368



29.9872, 31.8106, 39.1071



31.2339, 31.8106, 38.0459

Sweetspot

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



30.4851, 31.8120, 30.5207



57.6282, 60.4972, 63.5002



29.6420, 29.2247, 33.0177



12.9137, 13.5485, 14.0847



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.4851, 31.8120, 30.5207



53.7006, 55.9181, 52.0912



31.4962, 34.0690, 30.9030



6.9271, 7.2342, 7.0169



14.1879, 11.6113, 1.4934



0.2954, 0.2910, 0.0406

Inverse Universe

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



28.4919, 30.1548, 37.1198



49.4255, 52.3638, 66.2457



27.5476, 28.0599, 36.7652



6.5114, 6.8886, 8.3931



6.6897, 5.4709, 26.6106



0.1610, 0.1806, 0.4896

Previews

White Background



This preview shows how the XYZ color 30.4842, 31.8106, 30.5200 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 30.4842, 31.8106, 30.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

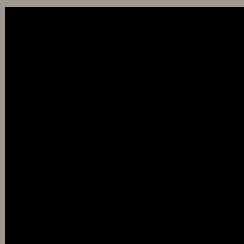
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4842, 31.8106, 30.5200

Background



This preview shows how black text looks on a background with the XYZ color 30.4842, 31.8106, 30.5200.

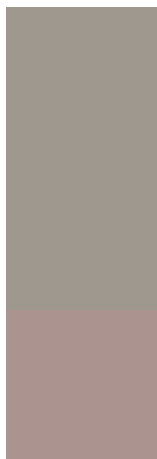


This preview shows how white text looks on a background with the XYZ color 30.4842, 31.8106,

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

30.4842, 31.8106, 30.5200

Protanopia

30.2867, 31.7087, 30.5107

Deuteranopia

32.4185, 31.8514, 30.8248



Tritanopia

32.0808, 31.7495, 38.1556

Trichromacy



Original Color

30.4842, 31.8106, 30.5200

Protanomaly

30.2867, 31.7087, 30.5107

Deuteranomaly

31.7178, 31.7240, 30.8372

Tritanomaly

31.4370, 31.7229, 35.0381

Monochromacy



Original Color

30.4842, 31.8106, 30.5200

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3336, 31.9210, 32.9964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4842, 31.8106, 30.5200 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, 152, 143)` looks like.

```
.text, #text, p{  
    color:rgb(159, 152, 143)  
}
```

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, 152, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 152, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.4842, 31.8106, 30.5200 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, 152, 143) }
```


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

```
.border{ border-color:rgb(159, 152, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 152, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 152, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 152, 143);  
box-shadow:4px 4px 4px 4px rgb(159, 152,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4842, 31.8106, 30.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 152, 143) }
```

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

```
.background{ background-color: rgb(159,  
152, 143) }
```

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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