

Converting Colors

XYZ(30.4427, 31.3061, 34.1624)

Have a look what the booklet for
XYZ(30.4427, 31.3061, 34.1624)
contains.

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Color

**XYZ(30.4785, 31.2478,
34.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9698
RGB	157, 150, 152
RGB Percent	62%, 59%, 60%
CMY	0.3843, 0.4117, 0.4039
CMYK	0.00, 0.04, 0.03, 0.38
HSL	343°, 3%, 60%
HSV	343°, 4%, 62%
XYZ	30.4785, 31.2478, 34.1308
YIQ	152.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

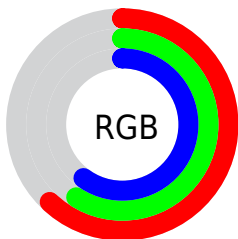
Format	Color
RYB	157, 150, 152
Decimal	10327704
CIELab	62.72, 2.94, -0.14
CIELCh	63, 2.942, 357.224
Yxy	31.2478, 0.3180, 0.3260
Android (android.graphics.Color)	4288517784 (0xFF9D9698)
YUV	152.3210, -0.1583, 4.1035
Hunter-Lab	55.8997, -0.5001, 2.9290

Details

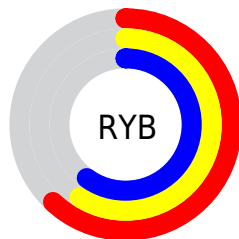
The XYZ color **30.4785, 31.2478, 34.1308** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5523, 32.9654, 35.7647**, and the grayscale version is **29.9840, 31.5455, 34.3531**.

A 20% lighter version of the original color is **59.8848, 61.6390, 67.1338**, and **12.7547, 12.9274, 14.1349** is the 20% darker color. If you saturate the color by 10%, you get **27.2635, 26.2191, 28.7383**, and if you desaturate by 10%, it is **34.1179, 36.9854, 40.0944**.

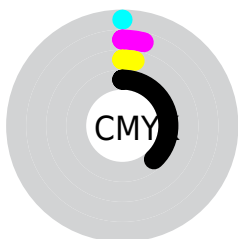
Distribution



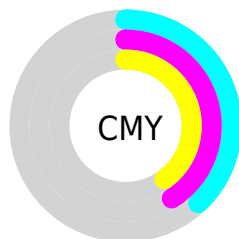
- Red (62%)
- Green (59%)
- Blue (60%)



- Red (62%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4785, 31.2478, 34.1308 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 30.4785, 31.2478, 34.1308 by changing the saturation by 10% instead.

■ 30.4785, 31.2478,
34.1308

■ 30.4785, 31.2478,
34.1308

295.9985,
307.6783, 335.5018

■ 20.3519, 20.7876,
22.7159

■ 59.7995, 61.6300,
67.2732

■ 12.7609, 12.9688,
14.1806

■ 79.7247, 82.3208,
89.8379

■ 7.3400, 7.4071,
8.1062

103.6468,
107.1906, 116.9562

■ 3.7238, 3.7180,
4.0742

131.9312,
136.6238, 149.0467

■ 1.5471, 1.5171,
1.6661

164.9432,
171.0048, 186.5280

■ 0.3576, 0.3007,
0.3374

203.0482,

■ 0.0000, 0.0000,

210.7179, 229.8186

0.0000

246.6115,
256.1476, 279.3370

■ 30.4785, 31.2478,
34.1308

■ 30.4785, 31.2478,
34.1308

■ 27.2635, 26.2191,
28.7383

■ 34.1179, 36.9854,
40.0944

■ 24.4546, 21.8677,
23.8978

■ 38.1938, 43.4536,
46.6433

■ 22.0360, 18.1657,
19.5920

■ 42.7213, 50.6786,
53.7940

■ 19.9900, 15.0818,
15.8022

■ 47.7138, 58.6838,
61.5613

■ 18.2973, 12.5818,
12.5081

■ 53.1841, 67.4917,
69.9599

■ 16.9368, 10.6284,
9.6884

■ 59.1446, 77.1237,
79.0038

■ 15.8853, 9.1800,
7.3199

■ 64.0227, 84.4314,
88.1782

■ 15.1162, 8.1888,
5.3775

■ 65.6545, 85.0841,
96.7713

■ 14.5976, 7.5964,
3.8325

■ 67.3897, 85.7782,
105.9087

Harmonies

Analogous

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



30.3545, 31.2478, 35.2355



30.4785, 31.2478, 34.1308



30.3924, 31.2478, 33.0213

Triad

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



30.4785, 31.2478, 34.1308



29.3480, 31.2478, 32.0937



29.2838, 31.2478, 35.9181

Complementary

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



30.4785, 31.2478, 34.1308



30.5523, 32.9654, 35.7647

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.



29.0184, 31.2478, 35.0459



30.4785, 31.2478, 34.1308



29.0552, 31.2478, 32.8397

Square

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



30.4785, 31.2478, 34.1308



29.7375, 31.2478, 31.8610



28.9351, 31.2478, 33.9165



29.6627, 31.2478, 36.2818

Rectangle

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



30.4785, 31.2478, 34.1308



30.2279, 31.2478, 32.4251



28.9351, 31.2478, 33.9165



29.1785, 31.2478, 35.6737

Sweetspot

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



30.4794, 31.2492, 34.1315



56.7380, 59.3497, 64.6796



30.4916, 31.2071, 36.3153



12.4935, 13.0732, 14.2466



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.4794, 31.2492, 34.1315



54.1941, 55.3500, 60.4774



30.5418, 31.6336, 33.3519



6.9907, 7.1202, 7.7817



11.6892, 5.9802, 2.6141



0.2258, 0.1137, 0.1354

Inverse Universe

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



30.4794, 31.2492, 34.1315



54.1941, 55.3500, 60.4774



30.4860, 32.5622, 36.5771



6.9907, 7.1202, 7.7817



11.6892, 5.9802, 2.6141



0.2258, 0.1137, 0.1354

Previews

White Background



This preview shows how the XYZ color 30.4785, 31.2478, 34.1308 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 30.4785, 31.2478, 34.1308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

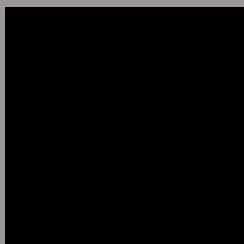
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

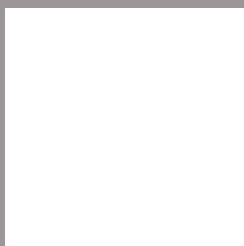
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4785, 31.2478, 34.1308

Background



This preview shows how black text looks on a background with the XYZ color 30.4785, 31.2478, 34.1308.



This preview shows how white text looks on a background with the XYZ color 30.4785, 31.2478,

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

30.4785, 31.2478, 34.1308

Protanopia

30.1428, 31.3031, 34.5904

Deuteranopia

31.9094, 31.2743, 34.4917



Tritanopia

31.1932, 31.3021, 37.6556

Trichromacy



Original Color

30.4785, 31.2478, 34.1308

Protanomaly

30.3339, 31.4017, 34.5994

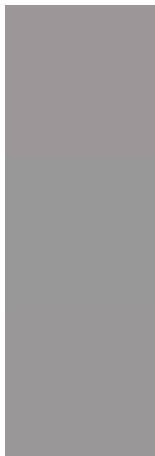
Deuteranomaly

31.4439, 31.2662, 34.5147

Tritanomaly

30.9338, 31.1983, 36.2898

Monochromacy



Original Color

30.4785, 31.2478, 34.1308

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0605, 31.2702, 34.1572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4785, 31.2478, 34.1308 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(157, 150, 152) looks like.

```
.text, #text, p{  
    color:rgb(157, 150, 152)  
}
```

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(157, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 150, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.4785, 31.2478, 34.1308 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(157, 150, 152) }
```


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

```
.border{ border-color:rgb(157, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(157, 150,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4785, 31.2478, 34.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 150, 152) }
```

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

```
.background{ background-color: rgb(157,  
150, 152) }
```

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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