

Converting Colors

XYZ(30.3428, 31.3875, 34.1864)

Have a look what the booklet for
XYZ(30.3428, 31.3875, 34.1864)
contains.

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Color

**XYZ(30.4444, 31.4681,
34.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9798
RGB	156, 151, 152
RGB Percent	61%, 59%, 60%
CMY	0.3882, 0.4078, 0.4039
CMYK	0.00, 0.03, 0.03, 0.39
HSL	348°, 2%, 60%
HSV	348°, 3%, 61%
XYZ	30.4444, 31.4681, 34.1751
YIQ	152.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

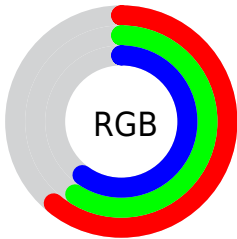
Format	Color
RYB	156, 151, 152
Decimal	10262424
CIELab	62.90, 2.02, 0.12
CIELCh	63, 2.019, 3.322
Yxy	31.4681, 0.3168, 0.3275
Android (android.graphics.Color)	4288452504 (0xFF9C9798)
YUV	152.6090, -0.3002, 2.9739
Hunter-Lab	56.0964, -1.2941, 3.1468

Details

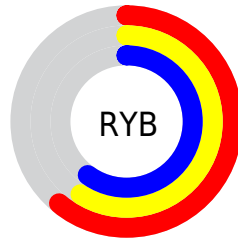
The XYZ color **30.4444, 31.4681, 34.1751** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5685, 32.7236, 35.7171**, and the grayscale version is **30.1096, 31.6776, 34.4970**.

A 20% lighter version of the original color is **59.5502, 61.8205, 67.1864**, and **12.7318, 13.0572, 14.1612** is the 20% darker color. If you saturate the color by 10%, you get **27.1288, 26.3880, 28.2871**, and if you desaturate by 10%, it is **34.2017, 37.2585, 40.7423**.

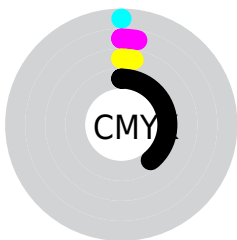
Distribution



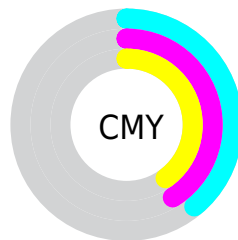
- Red (61%)
- Green (59%)
- Blue (60%)



- Red (61%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4444, 31.4681, 34.1751 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 30.4444, 31.4681, 34.1751 by changing the saturation by 10% instead.

■ 30.4444, 31.4681,
34.1751

■ 30.4444, 31.4681,
34.1751

295.8432,
308.6891, 335.7051

■ 20.3259, 20.9556,
22.7497

■ 59.7461, 61.9763,
67.3429

■ 12.7418, 13.0915,
14.2052

■ 79.6600, 82.7407,
89.9223

■ 7.3268, 7.4916,
8.1232

103.5697,
107.6913, 117.0569

■ 3.7154, 3.7714,
4.0850

131.8406,
137.2123, 149.1651

■ 1.5424, 1.5465,
1.6721

164.8380,
171.6882, 186.6655

■ 0.3544, 0.3211,
0.3415

202.9274,

■ 0.0000, 0.0000,

211.5034, 229.9766

0.0000

246.4740,
257.0422, 279.5169

■ 30.4444, 31.4681,
34.1751

■ 30.4444, 31.4681,
34.1751

■ 27.1288, 26.3880,
28.2871

■ 34.2017, 37.2585,
40.7423

■ 24.2359, 21.9868,
23.0546

■ 38.4135, 43.7808,
48.0076

■ 21.7495, 18.2369,
18.4552

■ 43.0953, 51.0608,
55.9914

■ 19.6509, 15.1073,
14.4648

■ 48.2610, 59.1219,
64.7128

■ 17.9204, 12.5644,
11.0573

■ 53.9242, 67.9863,
74.1903

■ 16.5360, 10.5713,
8.2050

■ 60.0976, 77.6754,
84.4415

■ 15.4739, 9.0870,
5.8780

■ 65.1109, 84.8442,
94.9226

■ 14.7067, 8.0647,
4.0430

■ 67.0245, 85.6096,
104.9998

■ 14.2023, 7.4490,
2.6631

■ 67.5205, 85.8080,
107.6116

Harmonies

Analogous

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



30.3880, 31.4681, 34.9529



30.4444, 31.4681, 34.1751



30.3568, 31.4681, 33.4322

Triad

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



30.4444, 31.4681, 34.1751



29.6178, 31.4681, 33.0045



29.6710, 31.4681, 35.6446

Complementary

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



30.4444, 31.4681, 34.1751



30.5685, 32.7236, 35.7171

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.



29.4666, 31.4681, 35.1083



30.4444, 31.4681, 34.1751



29.4361, 31.4681, 33.5831

Square

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



30.4444, 31.4681, 34.1751



29.8786, 31.4681, 32.7629



29.3809, 31.4681, 34.3519



29.9404, 31.4681, 35.8090

Rectangle

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



30.4444, 31.4681, 34.1751



30.2288, 31.4681, 33.0545



29.3809, 31.4681, 34.3519



29.5924, 31.4681, 35.5015

Sweetspot

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



30.4453, 31.4695, 34.1758



56.7172, 59.3413, 64.5700



30.5859, 31.5035, 35.9217



12.4892, 13.0714, 14.2239



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.



30.4453, 31.4695, 34.1758



54.7375, 56.2978, 61.0868



30.6068, 31.9226, 33.8282



7.0519, 7.2300, 7.8406



11.5087, 5.9081, 1.6640



0.2187, 0.1108, 0.0975

Inverse Universe

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



30.4453, 31.4695, 34.1758



54.7375, 56.2978, 61.0868



30.4026, 32.2572, 36.0768



7.0519, 7.2300, 7.8406



11.5087, 5.9081, 1.6640



0.2187, 0.1108, 0.0975

Previews

White Background



This preview shows how the XYZ color 30.4444, 31.4681, 34.1751 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 30.4444, 31.4681, 34.1751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

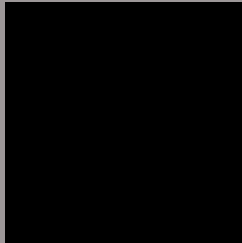
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

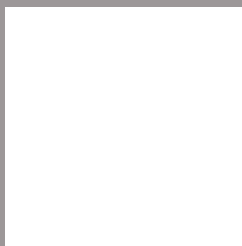
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4444, 31.4681, 34.1751

Background



This preview shows how black text looks on a background with the XYZ color 30.4444, 31.4681, 34.1751.



This preview shows how white text looks on a background with the XYZ color 30.4444, 31.4681,

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

30.4444, 31.4681, 34.1751

Protanopia

30.2517, 31.3688, 34.1661

Deuteranopia

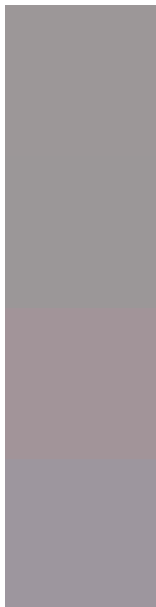
31.9094, 31.2743, 34.4917



Tritanopia

31.2440, 31.5540, 38.1620

Trichromacy



Original Color

30.4444, 31.4681, 34.1751

Protanomaly

30.2517, 31.3688, 34.1661

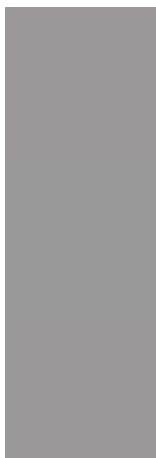
Deuteranomaly

31.2400, 31.1611, 34.5052

Tritanomaly

30.9825, 31.4494, 36.7851

Monochromacy



Original Color

30.4444, 31.4681, 34.1751

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3044, 31.6264, 34.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4444, 31.4681, 34.1751 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(156, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(156, 151, 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(156, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 151, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.4444, 31.4681, 34.1751 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(156, 151, 152) }
```


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

```
.border{ border-color:rgb(156, 151, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(156, 151,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4444, 31.4681, 34.1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 151, 152) }
```

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

```
.background{ background-color: rgb(156,  
151, 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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