

Converting Colors

XYZ(30.1900, 31.1011, 33.6176)

Have a look what the booklet for
XYZ(30.1900, 31.1011, 33.6176)
contains.

XYZ(30.2026, 31.1150, 33.6921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2026, 31.1150,
33.6921)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9697
RGB	156, 150, 151
RGB Percent	61%, 59%, 59%
CMY	0.3882, 0.4117, 0.4078
CMYK	0.00, 0.04, 0.03, 0.39
HSL	350°, 3%, 60%
HSV	350°, 4%, 61%
XYZ	30.2026, 31.1150, 33.6921
YIQ	151.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

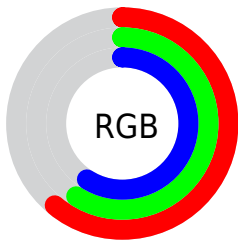
Format	Color
RYB	156, 150, 151
Decimal	10262167
CIELab	62.60, 2.38, 0.25
CIELCh	63, 2.397, 5.977
Yxy	31.1150, 0.3179, 0.3275
Android (android.graphics.Color)	4288452247 (0xFF9C9697)
YUV	151.9080, -0.4476, 3.5887
Hunter-Lab	55.7808, -0.9674, 3.2349

Details

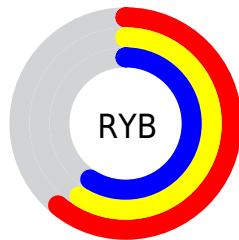
The XYZ color **30.2026, 31.1150, 33.6921** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3838, 32.6284, 35.7086**, and the grayscale version is **29.8070, 31.3593, 34.1502**.

A 20% lighter version of the original color is **59.1907, 61.2951, 66.4691**, and **12.5878, 12.8470, 13.8729** is the 20% darker color. If you saturate the color by 10%, you get **26.8786, 26.0649, 27.6572**, and if you desaturate by 10%, it is **33.9763, 36.8773, 40.4526**.

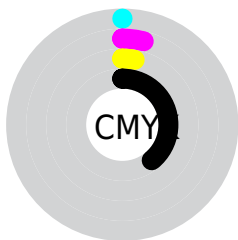
Distribution



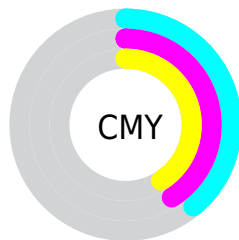
- Red (61%)
- Green (59%)
- Blue (59%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2026, 31.1150, 33.6921 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 30.2026, 31.1150, 33.6921 by changing the saturation by 10% instead.

■ 30.2026, 31.1150,
33.6921

■ 30.2026, 31.1150,
33.6921

294.7406,
307.0678, 333.4841

■ 20.1413, 20.6864,
22.3817

■ 59.3669, 61.4211,
66.5830

■ 12.6066, 12.8950,
13.9367

■ 79.2005, 82.0674,
89.0006

■ 7.2334, 7.3563,
7.9384

103.0223,
106.8884, 115.9576

■ 3.6561, 3.6859,
3.9683

131.1975,
136.2685, 147.8727

■ 1.5095, 1.4995,
1.6080

164.0916,
170.5921, 185.1644

■ 0.3323, 0.2883,
0.2965

202.0699,

■ 0.0000, 0.0000,

210.2436, 228.2511

0.0000

245.4978,
255.6073, 277.5515

■ 30.2026, 31.1150,
33.6921

■ 30.2026, 31.1150,
33.6921

■ 26.8786, 26.0649,
27.6572

■ 33.9763, 36.8773,
40.4526

■ 23.9850, 21.6954,
22.3218

■ 38.2131, 43.3737,
47.9598

■ 21.5047, 17.9785,
17.6610

■ 42.9287, 50.6302,
56.2363

■ 19.4188, 14.8829,
13.6477

■ 48.1377, 58.6704,
65.3032

■ 17.7066, 12.3746,
10.2532

■ 53.8539, 67.5168,
75.1808

■ 16.3457, 10.4162,
7.4462

■ 60.0904, 77.1909,
85.8885

■ 15.3112, 8.9661,
5.1928

■ 65.5041, 85.0015,
96.9934

■ 14.5746, 7.9769,
3.4558

■ 67.5205, 85.8080,
107.6116

■ 14.1027, 7.3917,
2.1927

Harmonies

Analogous

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



30.1509, 31.1150, 34.6161



30.2026, 31.1150, 33.6921



30.0848, 31.1150, 32.8338

Triad

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



30.2026, 31.1150, 33.6921



29.2066, 31.1150, 32.4448



29.3191, 31.1150, 35.5477

Complementary

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



30.2026, 31.1150, 33.6921



30.3838, 32.6284, 35.7086

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.



29.0688, 31.1150, 34.9461



30.2026, 31.1150, 33.6921



29.0042, 31.1150, 33.1523

Square

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



30.2026, 31.1150, 33.6921



29.5086, 31.1150, 32.1222



28.9539, 31.1150, 34.0665



29.6393, 31.1150, 35.6986

Rectangle

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



30.2026, 31.1150, 33.6921



29.9265, 31.1150, 32.4107



28.9539, 31.1150, 34.0665



29.2240, 31.1150, 35.3909

Sweetspot

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



30.2035, 31.1163, 33.6928



56.7091, 59.3381, 64.5276



30.4257, 31.1830, 35.8683



12.4875, 13.0708, 14.2151



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.



30.2035, 31.1163, 33.6928



54.0557, 55.2946, 59.7482



30.4446, 31.7276, 33.3752



6.9712, 7.1124, 7.6792



11.4553, 5.8867, 1.3828



0.2159, 0.1097, 0.0828

Inverse Universe

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



30.2035, 31.1163, 33.6928



54.0557, 55.2946, 59.7482



30.1352, 31.9966, 36.0407



6.9712, 7.1124, 7.6792



11.4553, 5.8867, 1.3828



0.2159, 0.1097, 0.0828

Previews

White Background



This preview shows how the XYZ color 30.2026, 31.1150, 33.6921 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 30.2026, 31.1150, 33.6921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

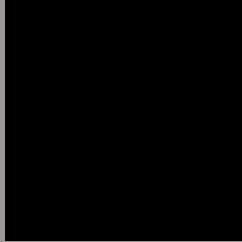
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2026, 31.1150, 33.6921

Background



This preview shows how black text looks on a background with the XYZ color 30.2026, 31.1150, 33.6921.



This preview shows how white text looks on a background with the XYZ color 30.2026, 31.1150,

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

30.2026, 31.1150, 33.6921

Protanopia

29.9789, 31.2376, 33.7276

Deuteranopia

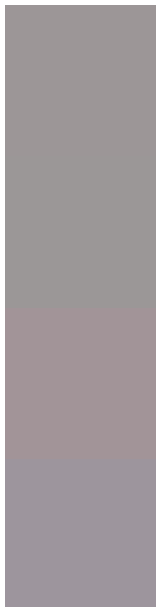
31.8271, 31.2414, 34.0585



Tritanopia

30.9972, 31.2011, 37.6464

Trichromacy



Original Color

30.2026, 31.1150, 33.6921

Protanomaly

30.1701, 31.3361, 33.7365

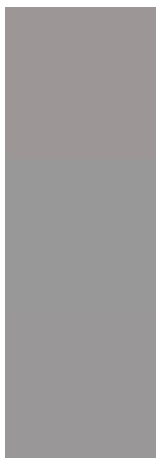
Deuteranomaly

31.1577, 31.1282, 34.0719

Tritanomaly

30.7379, 31.0973, 36.2806

Monochromacy



Original Color

30.2026, 31.1150, 33.6921

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8710, 31.1725, 34.1483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2026, 31.1150, 33.6921 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, 150, 151) looks like.

```
.text, #text, p{  
    color:rgb(156, 150, 151)  
}
```

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, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 150, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.2026, 31.1150, 33.6921 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, 150, 151) }
```


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

```
.border{ border-color:rgb(156, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(156, 150,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2026, 31.1150, 33.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 150, 151) }
```

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

```
.background{ background-color: rgb(156,  
150, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor