

Converting Colors

XYZ(30.1140, 31.7891, 33.8273)

Have a look what the booklet for
XYZ(30.1140, 31.7891, 33.8273)
contains.

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Color

**XYZ(30.1140, 31.7891,
33.8269)**

Conversions

Conversions Part 1

Format	Color
Hex	999997
RGB	153, 153, 151
RGB Percent	60%, 60%, 59%
CMY	0.4000, 0.4000, 0.4078
CMYK	0.00, 0.00, 0.01, 0.40
HSL	60°, 1%, 60%
HSV	60°, 1%, 60%
XYZ	30.1140, 31.7891, 33.8269
YIQ	152.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

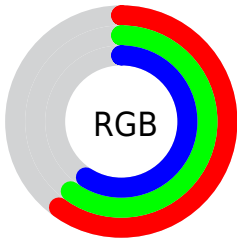
Format	Color
R _Y B	151, 153, 151
Decimal	10066327
CIE Lab	63.17, -0.38, 1.04
CIE LCh	63, 1.108, 110.007
Yxy	31.7891, 0.3146, 0.3321
Android (android.graphics.Color)	4288256407 (0xFF999997)
YUV	152.7720, -0.8736, 0.2000
Hunter-Lab	56.3818, -3.3299, 3.8956

Details

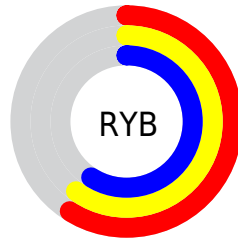
The XYZ color **30.1140, 31.7891, 33.8269** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5801, 31.0133, 34.5657**, and the grayscale version is **30.1834, 31.7553, 34.5815**.

A 20% lighter version of the original color is **59.0644, 62.2988, 66.6695**, and **12.5311, 13.2476, 13.9532** is the 20% darker color. If you saturate the color by 10%, you get **28.9477, 31.3232, 27.7015**, and if you desaturate by 10%, it is **31.4434, 32.3223, 40.8032**.

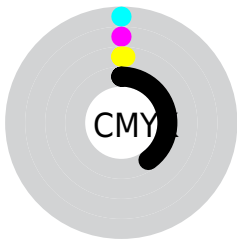
Distribution



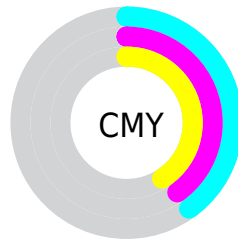
- Red (60%)
- Green (60%)
- Blue (59%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1140, 31.7891, 33.8269 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 30.1140, 31.7891, 33.8269 by changing the saturation by 10% instead.

■ 30.1140, 31.7891,
33.8269

■ 30.1140, 31.7891,
33.8269

294.3358,
310.1574, 334.1051

■ 20.0736, 21.2005,
22.4844

■ 59.2278, 62.4803,
66.7952

■ 12.5572, 13.2706,
14.0115

■ 79.0320, 83.3517,
89.2581

■ 7.1992, 7.6152,
7.9898

102.8214,
108.4194, 116.2648

■ 3.6344, 3.8497,
4.0008

130.9615,
138.0679, 148.2339

■ 1.4975, 1.5898,
1.6258

163.8177,
172.6816, 185.5839

■ 0.3241, 0.3507,
0.3091

201.7552,

■ 0.0000, 0.0000,

212.6448, 228.7334

0.0000

245.1394,
258.3419, 278.1010

■ 30.1140, 31.7891,
33.8269

■ 30.1140, 31.7891,
33.8269

■ 28.9477, 31.3232,
27.7015

■ 31.4434, 32.3223,
40.8032

■ 27.9357, 30.9179,
22.3924

■ 32.9390, 32.9210,
48.6589

■ 27.0723, 30.5721,
17.8657

■ 34.6073, 33.5888,
57.4239

■ 26.3504, 30.2829,
14.0846

■ 36.4536, 34.3277,
67.1260

■ 25.7625, 30.0473,
11.0090

■ 38.4829, 35.1399,
77.7920

■ 25.3003, 29.8620,
8.5952

■ 40.7000, 36.0272,
89.4472

■ 24.9546, 29.7232,
6.7948

■ 42.6059, 36.7900,
99.4633

■ 24.7149, 29.6269,
5.5525

■ 42.6098, 36.7920,
99.4635

■ 24.5688, 29.5680,
4.8032

■ 42.6136, 36.7940,
99.4637

Harmonies

Analogous

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



30.2657, 31.7891, 33.7894



30.1140, 31.7891, 33.8269



29.9897, 31.7891, 34.0740

Triad

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



30.1140, 31.7891, 33.8269



30.0258, 31.7891, 35.2627



30.5054, 31.7891, 34.7594

Complementary

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



30.1140, 31.7891, 33.8269



29.5801, 31.0133, 34.5657

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.



30.4406, 31.7891, 35.1575



30.1140, 31.7891, 33.8269



30.1635, 31.7891, 35.4497

Square

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



30.1140, 31.7891, 33.8269



29.9389, 31.7891, 34.9021



30.3154, 31.7891, 35.4110



30.4920, 31.7891, 34.3253

Rectangle

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



30.1140, 31.7891, 33.8269



29.9388, 31.7891, 34.3255



30.3154, 31.7891, 35.4110



30.4920, 31.7891, 34.9019

Sweetspot

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



30.1149, 31.7905, 33.8276



54.2243, 57.0482, 62.1254



29.7904, 31.1406, 33.7193



11.9732, 12.5967, 13.7178



72.9764, 76.7769, 83.6100

Same Dimension

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



30.1149, 31.7905, 33.8276



53.7672, 56.8652, 59.7258



29.9272, 31.6937, 33.8188



6.9082, 7.3026, 7.6967



20.2404, 24.4102, 3.6449



0.3028, 0.3650, 0.0545

Inverse Universe

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



29.5801, 31.0133, 34.5657



52.2817, 54.7066, 61.7759



29.7662, 31.1092, 34.5744



6.7355, 7.0516, 7.9351



4.7544, 1.9020, 25.0242



0.0713, 0.0285, 0.3741

Previews

White Background



This preview shows how the XYZ color 30.1140, 31.7891, 33.8269 looks on a white background.

Color Contrast Check

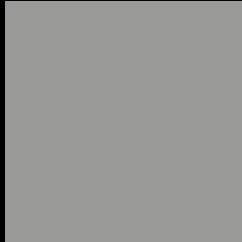
Large Text (above 18pt) WCAG AA × Fail

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 30.1140, 31.7891, 33.8269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

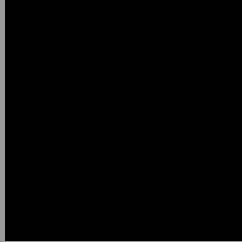
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

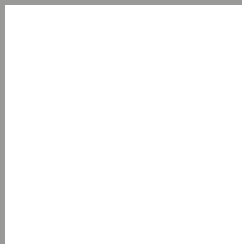
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1140, 31.7891, 33.8269

Background



This preview shows how black text looks on a background with the XYZ color 30.1140, 31.7891, 33.8269.



This preview shows how white text looks on a background with the XYZ color 30.1140, 31.7891,

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

30.1140, 31.7891, 33.8269

Protanopia

30.4436, 31.7264, 33.3734

Deuteranopia

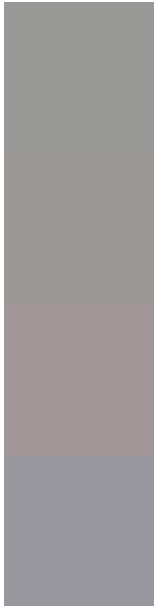
32.4058, 31.7716, 34.1303



Tritanopia

31.1950, 31.7461, 39.1338

Trichromacy



Original Color

30.1140, 31.7891, 33.8269

Protanomaly

30.2508, 31.6270, 33.3644

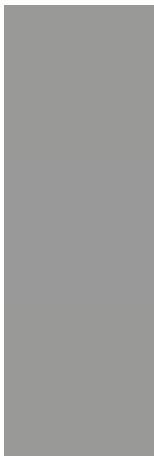
Deuteranomaly

31.6781, 31.8662, 34.1869

Tritanomaly

30.8127, 31.8297, 37.3206

Monochromacy



Original Color

30.1140, 31.7891, 33.8269

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1956, 31.8218, 34.2565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1140, 31.7891, 33.8269 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(153, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 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(153, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.1140, 31.7891, 33.8269 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(153, 153, 151) }
```

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

```
.border{ border-color:rgb(153, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(153, 153,  
151) }
```


Background

The CSS property to change the background color of an element to XYZ 30.1140, 31.7891, 33.8269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 153, 151) }
```

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

```
.background{ background-color: rgb(153,  
153, 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](#).

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