

Converting Colors

XYZ(30.2894, 30.9903, 33.9929)

Have a look what the booklet for
XYZ(30.2894, 30.9903, 33.9929)
contains.

XYZ(30.3196, 30.9300, 34.0778)	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(30.3196, 30.9300,
34.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9598
RGB	157, 149, 152
RGB Percent	62%, 58%, 60%
CMY	0.3843, 0.4157, 0.4039
CMYK	0.00, 0.05, 0.03, 0.38
HSL	338°, 4%, 60%
HSV	338°, 5%, 62%
XYZ	30.3196, 30.9300, 34.0778
YIQ	151.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

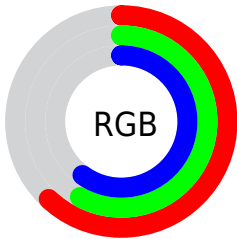
Format	Color
RYB	157, 149, 152
Decimal	10327448
CIELab	62.45, 3.50, -0.53
CIELCh	62, 3.538, 351.322
Yxy	30.9300, 0.3181, 0.3245
Android (android.graphics.Color)	4288517528 (0xFF9D9598)
YUV	151.7340, 0.1311, 4.6183
Hunter-Lab	55.6147, -0.0126, 2.6005

Details

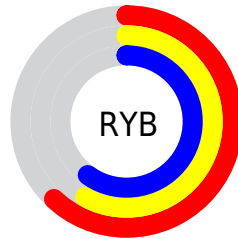
The XYZ color **30.3196, 30.9300, 34.0778** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2854, 32.8375, 35.3156**, and the grayscale version is **29.7294, 31.2777, 34.0614**.

A 20% lighter version of the original color is **59.6479, 61.1652, 67.0548**, and **12.6605, 12.7391, 14.1035** is the 20% darker color. If you saturate the color by 10%, you get **27.2304, 25.9851, 29.2444**, and if you desaturate by 10%, it is **33.8120, 36.5739, 39.3747**.

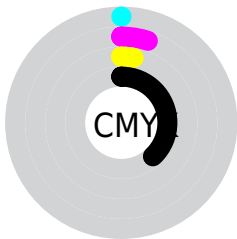
Distribution



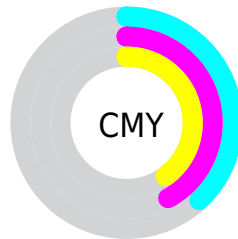
- Red (62%)
- Green (58%)
- Blue (60%)



- Red (62%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3196, 30.9300, 34.0778 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 30.3196, 30.9300, 34.0778 by changing the saturation by 10% instead.

■ 30.3196, 30.9300,
34.0778

■ 30.3196, 30.9300,
34.0778

295.2745,
306.2157, 335.2586

■ 20.2306, 20.5456,
22.6755

■ 59.5504, 61.1298,
67.1899

■ 12.6720, 12.7922,
14.1511

■ 79.4229, 81.7140,
89.7368

■ 7.2785, 7.2856,
8.0859

103.2873,
106.4669, 116.8357

■ 3.6848, 3.6414,
4.0614

131.5088,
135.7729, 148.9051

■ 1.5254, 1.4750,
1.6591

164.4530,
170.0164, 186.3636

■ 0.3430, 0.2711,
0.3325

202.4851,

■ 0.0000, 0.0000,

209.5817, 229.6296

0.0000

245.9705,
254.8534, 279.1217

■ 30.3196, 30.9300,
34.0778

■ 30.3196, 30.9300,
34.0778

■ 27.2304, 25.9851,
29.2444

■ 33.8120, 36.5739,
39.3747

■ 24.5268, 21.7080,
24.8596

■ 37.7190, 42.9386,
45.1453

■ 22.1939, 18.0709,
20.9106

■ 42.0550, 50.0498,
51.4023

■ 20.2147, 15.0426,
17.3832

■ 46.8327, 57.9307,
58.1570

■ 18.5708, 12.5894,
14.2622

■ 52.0643, 66.6036,
65.4205

■ 17.2421, 10.6741,
11.5316

■ 57.7618, 76.0899,
73.2034

■ 16.2062, 9.2550,
9.1742

■ 62.6779, 83.8934,
81.0967

■ 15.4376, 8.2845,
7.1710

■ 64.0224, 84.4312,
88.1765

■ 14.9041, 7.7017,
5.5003

■ 65.4446, 85.0001,
95.6656

Harmonies

Analogous

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



30.1242, 30.9300, 35.3560



30.3196, 30.9300, 34.0778



30.2659, 30.9300, 32.7258

Triad

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



30.3196, 30.9300, 34.0778



29.0638, 30.9300, 31.2754



28.8252, 30.9300, 35.7828

Complementary

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



30.3196, 30.9300, 34.0778



30.2854, 32.8375, 35.3156

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.



28.5469, 30.9300, 34.6475



30.3196, 30.9300, 34.0778



28.6836, 30.9300, 32.0530

Square

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



30.3196, 30.9300, 34.0778



29.5375, 30.9300, 31.1323



28.4953, 30.9300, 33.2804



29.2590, 30.9300, 36.3578

Rectangle

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



30.3196, 30.9300, 34.0778



30.0964, 30.9300, 31.9627



28.4953, 30.9300, 33.2804



28.7105, 30.9300, 35.4526

Sweetspot

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



30.3205, 30.9313, 34.0785



56.1331, 58.3471, 63.8393



30.1481, 30.7942, 36.2537



12.3683, 12.8656, 14.0727



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.



30.3205, 30.9313, 34.0785



53.7022, 54.4327, 60.1081



30.2262, 31.1308, 32.8511



6.9355, 7.0138, 7.7513



11.9477, 6.0836, 3.9754



0.2333, 0.1167, 0.1749

Inverse Universe

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



30.3205, 30.9313, 34.0785



53.7022, 54.4327, 60.1081



30.3809, 32.6241, 36.5946



6.9355, 7.0138, 7.7513



11.9477, 6.0836, 3.9754



0.2333, 0.1167, 0.1749

Previews

White Background



This preview shows how the XYZ color 30.3196, 30.9300, 34.0778 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 30.3196, 30.9300, 34.0778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

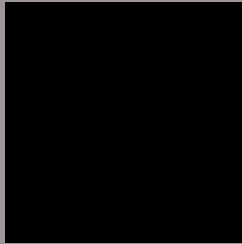
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3196, 30.9300, 34.0778

Background



This preview shows how black text looks on a background with the XYZ color 30.3196, 30.9300, 34.0778.



This preview shows how white text looks on a background with the XYZ color 30.3196, 30.9300,

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

30.3196, 30.9300, 34.0778

Protanopia

29.7930, 30.8849, 34.5281

Deuteranopia

31.5457, 30.8570, 34.4304



Tritanopia

30.9485, 30.9521, 37.1441

Trichromacy



Original Color

30.3196, 30.9300, 34.0778

Protanomaly

29.9825, 30.9826, 34.5370

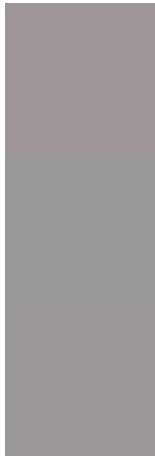
Deuteranomaly

31.0838, 30.8487, 34.4531

Tritanomaly

30.6912, 30.8492, 35.7894

Monochromacy



Original Color

30.3196, 30.9300, 34.0778

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 30.3196, 30.9300, 34.0778 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, 149, 152)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 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, 149, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.3196, 30.9300, 34.0778 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, 149, 152) }
```


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

```
.border{ border-color:rgb(157, 149, 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, 149, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 152);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3196, 30.9300, 34.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 149, 152) }
```

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

```
.background{ background-color: rgb(157,  
149, 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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