

Converting Colors

XYZ(30.0377, 30.8160, 34.8967)

Have a look what the booklet for
XYZ(30.0377, 30.8160, 34.8967)
contains.

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Color

**XYZ(30.0977, 30.7965,
34.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	9B959A
RGB	155, 149, 154
RGB Percent	61%, 58%, 60%
CMY	0.3922, 0.4157, 0.3961
CMYK	0.00, 0.04, 0.01, 0.39
HSL	310°, 3%, 60%
HSV	310°, 4%, 61%
XYZ	30.0977, 30.7965, 34.9299
YIQ	151.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

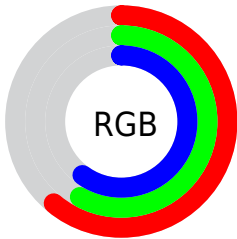
Format	Color
RYB	155, 149, 154
Decimal	10196378
CIELab	62.34, 3.15, -1.85
CIELCh	62, 3.653, 329.549
Yxy	30.7965, 0.3141, 0.3214
Android (android.graphics.Color)	4288386458 (0xFF9B959A)
YUV	151.3640, 1.2995, 3.1888
Hunter-Lab	55.4946, -0.3054, 1.5274

Details

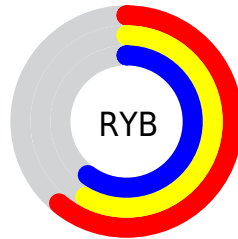
The XYZ color **30.0977, 30.7965, 34.9299** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6219, 32.0350, 33.4777**, and the grayscale version is **29.5661, 31.1058, 33.8742**.

A 20% lighter version of the original color is **59.0356, 60.8212, 68.3027**, and **12.5248, 12.6577, 14.6150** is the 20% darker color. If you saturate the color by 10%, you get **27.5943, 26.1299, 33.0455**, and if you desaturate by 10%, it is **32.9339, 36.1204, 36.9489**.

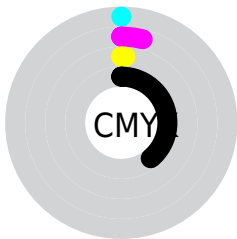
Distribution



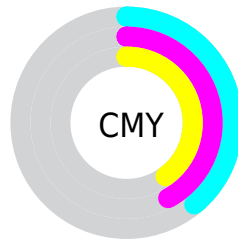
- Red (61%)
- Green (58%)
- Blue (60%)



- Red (61%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0977, 30.7965, 34.9299 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 30.0977, 30.7965, 34.9299 by changing the saturation by 10% instead.

■ 30.0977, 30.7965,
34.9299

■ 30.0977, 30.7965,
34.9299

294.2612,
305.5997, 339.1537

■ 20.0612, 20.4439,
23.3258

■ 59.2022, 60.9195,
68.5275

■ 12.5481, 12.7182,
14.6267

■ 79.0009, 81.4588,
91.3580

■ 7.1929, 7.2348,
8.4141

102.7845,
106.1624, 118.7678

■ 3.6304, 3.6093,
4.2695

130.9181,
135.4148, 151.1753

■ 1.4953, 1.4575,
1.7743

163.7673,
169.6003, 188.9991

■ 0.3226, 0.2586,
0.4109

201.6973,

■ 0.0000, 0.0000,

209.1034, 232.6577

0.0000

245.0735,
254.3084, 282.5697

■ 30.0977, 30.7965,
34.9299

■ 30.0977, 30.7965,
34.9299

■ 27.5943, 26.1299,
33.0455

■ 32.9339, 36.1204,
36.9489

■ 25.4081, 22.0910,
31.2891

■ 36.1124, 42.1218,
39.1045

■ 23.5265, 18.6538,
29.6569

■ 39.6455, 48.8249,
41.4016

■ 21.9348, 15.7890,
28.1437

■ 43.5442, 56.2516,
43.8437

■ 20.6170, 13.4650,
26.7441

■ 47.8189, 64.4229,
46.4346

■ 19.5558, 11.6468,
25.4521

■ 52.4798, 73.3589,
49.1778

■ 18.7315, 10.2955,
24.2612

■ 56.7324, 81.4705,
51.8086

■ 18.1221, 9.3667,
23.1637

■ 56.9832, 81.5708,
53.1292

■ 17.7006, 8.8068,
22.1505

■ 57.2389, 81.6731,
54.4754

Harmonies

Analogous

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



29.7421, 30.7965, 35.9549



30.0977, 30.7965, 34.9299



30.2314, 30.7965, 33.5536

Triad

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



30.0977, 30.7965, 34.9299



29.2786, 30.7965, 30.8846



28.4525, 30.7965, 34.8918

Complementary

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



30.0977, 30.7965, 34.9299



29.6219, 32.0350, 33.4777

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.



28.3315, 30.7965, 33.5107



30.0977, 30.7965, 34.9299



28.8052, 30.7965, 31.2207

Square

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



30.0977, 30.7965, 34.9299



29.7552, 30.7965, 31.2412



28.4599, 30.7965, 32.1722



28.7924, 30.7965, 35.9325

Rectangle

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



30.0977, 30.7965, 34.9299



30.1755, 30.7965, 32.6301



28.4599, 30.7965, 32.1722



28.3851, 30.7965, 34.4507

Sweetspot

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



30.0986, 30.7978, 34.9306



55.2884, 57.7499, 63.5617



29.2428, 30.3470, 35.3270



12.5211, 13.0842, 14.3918



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.



30.0986, 30.7978, 34.9306



53.3204, 54.0659, 62.1289



29.8519, 30.6991, 33.6315



6.6272, 6.6983, 7.7329



14.0608, 6.8786, 17.3770



0.2206, 0.1070, 0.3144

Inverse Universe

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



30.0986, 30.7978, 34.9306



53.3204, 54.0659, 62.1289



29.8665, 32.1328, 34.7659



6.6272, 6.6983, 7.7329



14.0608, 6.8786, 17.3770



0.2206, 0.1070, 0.3144

Previews

White Background



This preview shows how the XYZ color 30.0977, 30.7965, 34.9299 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 30.0977, 30.7965, 34.9299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

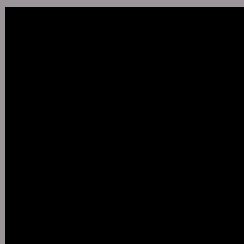
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

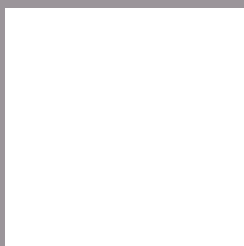
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0977, 30.7965, 34.9299

Background



This preview shows how black text looks on a background with the XYZ color 30.0977, 30.7965, 34.9299.



This preview shows how white text looks on a background with the XYZ color 30.0977, 30.7965,

34.9299.

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

30.0977, 30.7965, 34.9299

Protanopia

29.7716, 30.8547, 35.3968

Deuteranopia

31.2995, 30.7109, 35.2885



Tritanopia

30.6454, 30.7858, 37.5848

Trichromacy



Original Color

30.0977, 30.7965, 34.9299

Protanomaly

29.9596, 30.9516, 35.4056

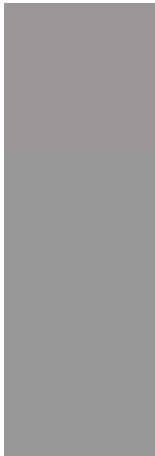
Deuteranomaly

30.8473, 30.7076, 35.3117

Tritanomaly

30.4718, 30.7164, 36.6706

Monochromacy



Original Color

30.0977, 30.7965, 34.9299

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5227, 30.7551, 34.0861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0977, 30.7965, 34.9299 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(155, 149, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 149, 154)  
}
```

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(155, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 149, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.0977, 30.7965, 34.9299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

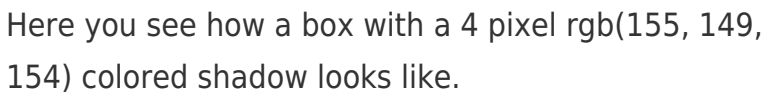
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 149, 154) }
```


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

```
.border{ border-color:rgb(155, 149, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 149, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 149, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 149, 154);  
box-shadow:4px 4px 4px 4px rgb(155, 149,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0977, 30.7965, 34.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 149, 154) }
```

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

```
.background{ background-color: rgb(155,  
149, 154) }
```

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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