

Converting Colors

XYZ(30.0837, 31.8074, 31.5368)

Have a look what the booklet for
XYZ(30.0837, 31.8074, 31.5368)
contains.

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Color

**XYZ(30.0196, 31.7954,
31.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9991
RGB	155, 153, 145
RGB Percent	61%, 60%, 57%
CMY	0.3922, 0.4000, 0.4314
CMYK	0.00, 0.01, 0.06, 0.39
HSL	48°, 5%, 59%
HSV	48°, 6%, 61%
XYZ	30.0196, 31.7954, 31.3430
YIQ	152.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

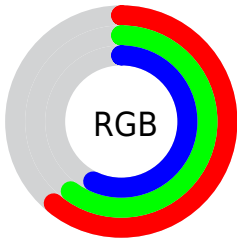
Format	Color
RYB	148, 155, 145
Decimal	10197393
CIELab	63.17, -0.76, 4.45
CIELCh	63, 4.514, 99.668
Yxy	31.7954, 0.3222, 0.3413
Android (android.graphics.Color)	4288387473 (0xFF9B9991)
YUV	152.6860, -3.7892, 2.0294
Hunter-Lab	56.3874, -3.6479, 6.5148

Details

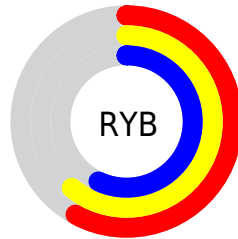
The XYZ color **30.0196, 31.7954, 31.3430** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0270, 29.2531, 35.1798**, and the grayscale version is **30.1574, 31.7279, 34.5517**.

A 20% lighter version of the original color is **58.9161, 62.3045, 62.9536**, and **12.5258, 13.2720, 12.7280** is the 20% darker color. If you saturate the color by 10%, you get **28.4054, 30.3508, 25.3051**, and if you desaturate by 10%, it is **31.8118, 33.3343, 38.2456**.

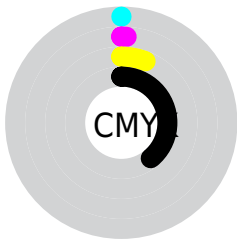
Distribution



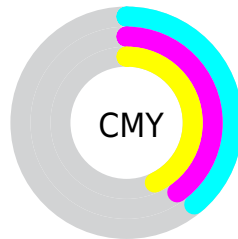
- Red (61%)
- Green (60%)
- Blue (57%)



- Red (58%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0196, 31.7954, 31.3430 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 30.0196, 31.7954, 31.3430 by changing the saturation by 10% instead.

■ 30.0196, 31.7954,
31.3430

■ 30.0196, 31.7954,
31.3430

293.9040,
310.1862, 322.5154

■ 20.0016, 21.2053,
20.5995

■ 59.0796, 62.4902,
62.8656

■ 12.5045, 13.2741,
12.6432

■ 78.8523, 83.3637,
84.4818

■ 7.1629, 7.6176,
7.0555

102.6073,
108.4337, 110.5593

■ 3.6114, 3.8512,
3.4179

130.7099,
138.0847, 141.5166

■ 1.4847, 1.5907,
1.3118

163.5256,
172.7010, 177.7724

■ 0.3154, 0.3513,
0.0714

201.4195,

■ 0.0000, 0.0000,

212.6671, 219.7451

0.0000

244.7572,
258.3674, 267.8532

■ 30.0196, 31.7954,
31.3430

■ 30.0196, 31.7954,
31.3430

■ 28.4054, 30.3508,
25.3051

■ 31.8118, 33.3343,
38.2456

■ 26.9600, 28.9935,
20.0953

■ 33.7856, 34.9660,
46.0434

■ 25.6770, 27.7219,
15.6772

■ 35.9480, 36.6945,
54.7680

■ 24.5488, 26.5328,
12.0113

■ 38.3045, 38.5220,
64.4490

■ 23.5673, 25.4227,
9.0543

■ 40.8606, 40.4511,
75.1144

■ 22.7231, 24.3878,
6.7586

■ 43.6216, 42.4839,
86.7911

■ 22.0061, 23.4238,
5.0708

■ 46.5923, 44.6225,
99.5052

■ 21.4045, 22.5258,
3.9293

■ 47.4404, 45.9341,
100.9735

■ 20.9008, 21.6867,
3.2423

■ 48.0621, 47.1774,
101.1807

Harmonies

Analogous

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



30.6392, 31.7954, 31.4979



30.0196, 31.7954, 31.3430



29.4614, 31.7954, 32.0426

Triad

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



30.0196, 31.7954, 31.3430



29.3068, 31.7954, 36.8590



31.3592, 31.7954, 35.8270

Complementary

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



30.0196, 31.7954, 31.3430



28.0270, 29.2531, 35.1798

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.



30.9926, 31.7954, 37.3316



30.0196, 31.7954, 31.3430



29.8058, 31.7954, 37.9415

Square

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



30.0196, 31.7954, 31.3430



29.0536, 31.7954, 35.1998



30.4224, 31.7954, 38.1173



31.4183, 31.7954, 34.0461

Rectangle

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



30.0196, 31.7954, 31.3430



29.1972, 31.7954, 32.9140



30.4224, 31.7954, 38.1173



31.2676, 31.7954, 36.3835

Sweetspot

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



30.0205, 31.7968, 31.3437



55.1390, 58.1388, 61.3924



28.9098, 29.3264, 31.7410



12.4892, 13.1670, 13.9297



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.



30.0205, 31.7968, 31.3437



53.2481, 56.4914, 54.1815



29.7814, 32.1627, 31.4269



6.6041, 7.0133, 6.6115



16.6791, 17.2407, 2.4487



0.2731, 0.3052, 0.0445

Inverse Universe

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



28.0270, 29.2531, 35.1798



48.7852, 50.7967, 62.7698



28.2549, 28.9137, 35.1022



5.9794, 6.2162, 7.8137



5.1674, 2.7314, 25.1626



0.0987, 0.0837, 0.3833

Previews

White Background



This preview shows how the XYZ color 30.0196, 31.7954, 31.3430 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 30.0196, 31.7954, 31.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

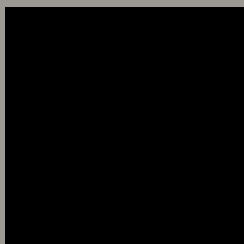
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0196, 31.7954, 31.3430

Background



This preview shows how black text looks on a background with the XYZ color 30.0196, 31.7954, 31.3430.



This preview shows how white text looks on a background with the XYZ color 30.0196, 31.7954,

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

30.0196, 31.7954, 31.3430

Protanopia

30.4396, 31.7699, 31.3159

Deuteranopia

32.3558, 31.8012, 31.6270



Tritanopia

31.5285, 31.6904, 38.6376

Trichromacy



Original Color

30.0196, 31.7954, 31.3430

Protanomaly

30.2437, 31.6689, 31.3068

Deuteranomaly

31.6117, 31.8873, 31.6829

Tritanomaly

30.9720, 31.7016, 35.9391

Monochromacy



Original Color

30.0196, 31.7954, 31.3430

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.2227, 31.8545, 33.4098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0196, 31.7954, 31.3430 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, 153, 145)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 145)  
}
```

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, 153, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.0196, 31.7954, 31.3430 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, 153, 145) }
```


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

```
.border{ border-color:rgb(155, 153, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 153, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 153, 145); box-shadow:4px 4px 4px 4px rgb(155, 153, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0196, 31.7954, 31.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 145) }
```

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

```
.background{ background-color: rgb(155,  
153, 145) }
```

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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