

Converting Colors

XYZ(30.5747, 31.5869, 35.5459)

Have a look what the booklet for
XYZ(30.5747, 31.5869, 35.5459)
contains.

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Color

**XYZ(30.5006, 31.4683,
35.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	9B979B
RGB	155, 151, 155
RGB Percent	61%, 59%, 61%
CMY	0.3922, 0.4078, 0.3922
CMYK	0.00, 0.03, 0.00, 0.39
HSL	300°, 2%, 60%
HSV	300°, 3%, 61%
XYZ	30.5006, 31.4683, 35.4768
YIQ	152.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

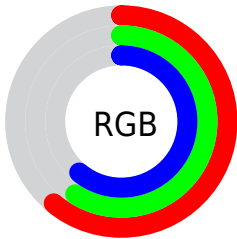
Format	Color
RYB	155, 151, 155
Decimal	10196891
CIELab	62.90, 2.23, -1.59
CIELCh	63, 2.733, 324.504
Yxy	31.4683, 0.3130, 0.3229
Android (android.graphics.Color)	4288386971 (0xFF9B979B)
YUV	152.6520, 1.1576, 2.0592
Hunter-Lab	56.0966, -1.1158, 1.7713

Details

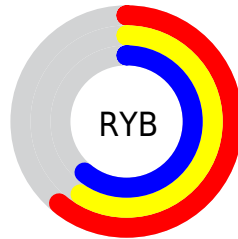
The XYZ color **30.5006, 31.4683, 35.4768** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0710, 32.2573, 33.9211**, and the grayscale version is **30.1226, 31.6913, 34.5119**.

A 20% lighter version of the original color is **59.6344, 61.8214, 69.1113**, and **12.7648, 13.0569, 14.9442** is the 20% darker color. If you saturate the color by 10%, you get **28.1686, 26.8040, 34.6995**, and if you desaturate by 10%, it is **33.1624, 36.7913, 36.3648**.

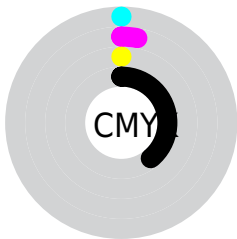
Distribution



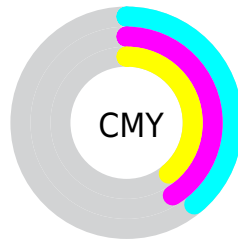
- Red (61%)
- Green (59%)
- Blue (61%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5006, 31.4683, 35.4768 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 30.5006, 31.4683, 35.4768 by changing the saturation by 10% instead.

■ 30.5006, 31.4683,
35.4768

■ 30.5006, 31.4683,
35.4768

296.0991,
308.6900, 341.6359

■ 20.3688, 20.9557,
23.7439

■ 59.8342, 61.9766,
69.3837

■ 12.7732, 13.0916,
14.9333

■ 79.7667, 82.7411,
92.3947

■ 7.3485, 7.4917,
8.6265

103.6968,
107.6917, 120.0023

■ 3.7293, 3.7714,
4.4049

131.9899,
137.2128, 152.6248

■ 1.5501, 1.5465,
1.8500

165.0113,
171.6888, 190.6809

■ 0.3596, 0.3212,
0.4606

203.1264,

■ 0.0000, 0.0000,

211.5041, 234.5891

0.0000

246.7005,
257.0430, 284.7679

■ 30.5006, 31.4683,
35.4768

■ 30.5006, 31.4683,
35.4768

■ 28.1686, 26.8040,
34.6995

■ 33.1624, 36.7913,
36.3648

■ 26.1510, 22.7690,
34.0265

■ 36.1632, 42.7928,
37.3655

■ 24.4352, 19.3374,
33.4542

■ 39.5154, 49.4972,
38.4833

■ 23.0066, 16.4804,
32.9776

■ 43.2299, 56.9260,
39.7219

■ 21.8496, 14.1666,
32.5916

■ 47.3170, 65.1001,
41.0846

■ 20.9470, 12.3615,
32.2903

■ 51.7868, 74.0395,
42.5749

■ 20.2797, 11.0269,
32.0675

■ 55.1949, 80.8555,
43.7113

■ 19.8257, 10.1190,
31.9157

■ 55.1950, 80.8555,
43.7118

■ 19.5591, 9.5860,
31.8265

■ 55.1950, 80.8556,
43.7122

Harmonies

Analogous

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



30.2097, 31.4683, 36.1773



30.5006, 31.4683, 35.4768



30.6332, 31.4683, 34.4618

Triad

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



30.5006, 31.4683, 35.4768



29.9788, 31.4683, 32.2488



29.2583, 31.4683, 35.1273

Complementary

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



30.5006, 31.4683, 35.4768



30.0710, 32.2573, 33.9211

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.



29.1976, 31.4683, 34.0662



30.5006, 31.4683, 35.4768



29.6116, 31.4683, 32.4186

Square

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



30.5006, 31.4683, 35.4768



30.3303, 31.4683, 32.6096



29.3264, 31.4683, 33.0784



29.4929, 31.4683, 35.9726

Rectangle

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



30.5006, 31.4683, 35.4768



30.6132, 31.4683, 33.7490



29.3264, 31.4683, 33.0784



29.2170, 31.4683, 34.7834

Sweetspot

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



30.5015, 31.4697, 35.4775



55.3280, 57.7658, 63.7700



29.7468, 31.0806, 35.4423



12.5295, 13.0876, 14.4361



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.



30.5015, 31.4697, 35.4775



54.4105, 55.9308, 63.4641



30.3350, 31.4030, 34.6006



6.7539, 6.9090, 7.9065



15.6088, 7.4978, 25.5289



0.2334, 0.1121, 0.3817

Inverse Universe

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



30.5015, 31.4697, 35.4775



54.4105, 55.9308, 63.4641



30.2347, 32.3228, 34.7834



6.7539, 6.9090, 7.9065



15.6088, 7.4978, 25.5289



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 30.5006, 31.4683, 35.4768 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 30.5006, 31.4683, 35.4768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

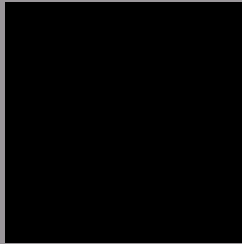
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5006, 31.4683, 35.4768

Background



This preview shows how black text looks on a background with the XYZ color 30.5006, 31.4683, 35.4768.



This preview shows how white text looks on a background with the XYZ color 30.5006, 31.4683,

35.4768.

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

30.5006, 31.4683, 35.4768

Protanopia

30.3094, 31.3698, 35.4678

Deuteranopia

31.9515, 31.2671, 35.8036



Tritanopia

31.1382, 31.4892, 38.6193

Trichromacy



Original Color

30.5006, 31.4683, 35.4768

Protanomaly

30.3094, 31.3698, 35.4678

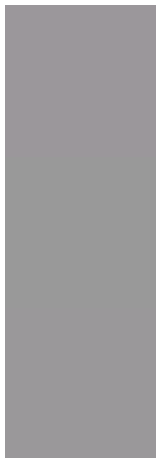
Deuteranomaly

31.2886, 31.1572, 35.8173

Tritanomaly

30.8747, 31.3838, 37.2313

Monochromacy



Original Color

30.5006, 31.4683, 35.4768

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3874, 31.6596, 35.0812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5006, 31.4683, 35.4768 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, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 151, 155)  
}
```

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, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 151, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.5006, 31.4683, 35.4768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

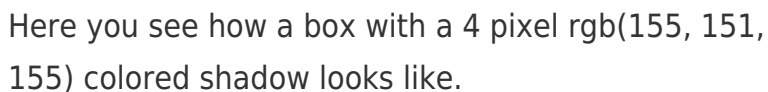
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 151, 155) }
```


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

```
.border{ border-color:rgb(155, 151, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 151, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 151, 155); box-shadow:4px 4px 4px 4px rgb(155, 151, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5006, 31.4683, 35.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 151, 155) }
```

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

```
.background{ background-color: rgb(155,  
151, 155) }
```

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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