

Converting Colors

XYZ(31.0579, 31.9959, 35.5885)

Have a look what the booklet for
XYZ(31.0579, 31.9959, 35.5885)
contains.

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Color

**XYZ(31.0493, 31.9911,
35.5488)**

Conversions

Conversions Part 1

Format	Color
Hex	9D989B
RGB	157, 152, 155
RGB Percent	62%, 60%, 61%
CMY	0.3843, 0.4039, 0.3922
CMYK	0.00, 0.03, 0.01, 0.38
HSL	324°, 2%, 61%
HSV	324°, 3%, 62%
XYZ	31.0493, 31.9911, 35.5488
YIQ	153.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

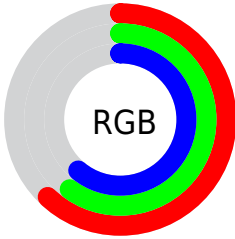
Format	Color
RYB	157, 152, 155
Decimal	10328219
CIELab	63.34, 2.39, -0.93
CIELCh	63, 2.567, 338.743
Yxy	31.9911, 0.3149, 0.3245
Android (android.graphics.Color)	4288518299 (0xFF9D989B)
YUV	153.8370, 0.5734, 2.7740
Hunter-Lab	56.5607, -0.9926, 2.3283

Details

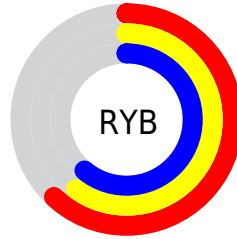
The XYZ color **31.0493, 31.9911, 35.5488** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8398, 33.1234, 35.3415**, and the grayscale version is **30.6414, 32.2371, 35.1062**.

A 20% lighter version of the original color is **60.7313, 62.7431, 69.2313**, and **13.0962, 13.3710, 14.9873** is the 20% darker color. If you saturate the color by 10%, you get **28.1541, 27.0231, 32.0478**, and if you desaturate by 10%, it is **34.3111, 37.6475, 39.3083**.

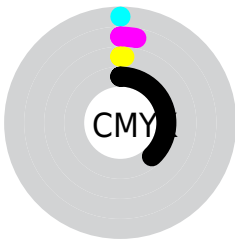
Distribution



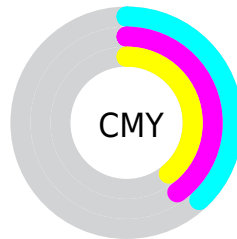
- Red (62%)
- Green (60%)
- Blue (61%)



- Red (62%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (39%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0493, 31.9911, 35.5488 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 31.0493, 31.9911, 35.5488 by changing the saturation by 10% instead.

■ 31.0493, 31.9911,
35.5488

■ 31.0493, 31.9911,
35.5488

298.5882,
311.0787, 341.9617

■ 20.7884, 21.3547,
23.7990

■ 60.6930, 62.7971,
69.4963

■ 13.0810, 13.3835,
14.9738

■ 80.8065, 83.7356,
92.5310

■ 7.5617, 7.6932,
8.6546

104.9349,
108.8768, 120.1645

■ 3.8652, 3.8992,
4.4228

133.4436,
138.6052, 152.8152

■ 1.6262, 1.6174,
1.8601

166.6979,
173.3052, 190.9018

■ 0.4094, 0.3693,
0.4671

205.0632,

■ 0.0000, 0.0000,

213.3612, 234.8427

0.0000

248.9049,
259.1576, 285.0565

■ 31.0493, 31.9911,
35.5488

■ 31.0493, 31.9911,
35.5488

■ 28.1541, 27.0231,
32.0478

■ 34.3111, 37.6475,
39.3083

■ 25.6093, 22.7128,
28.7966

■ 37.9495, 44.0132,
43.3305

■ 23.4012, 19.0335,
25.7891

■ 41.9778, 51.1132,
47.6221

■ 21.5145, 15.9550,
23.0179

■ 46.4075, 58.9703,
52.1889

■ 19.9324, 13.4444,
20.4754

■ 51.2498, 67.6060,
57.0364

■ 18.6366, 11.4659,
18.1530

■ 56.5154, 77.0412,
62.1701

■ 17.6066, 9.9795,
16.0418

■ 59.9721, 82.8111,
66.8478

■ 16.8193, 8.9394,
14.1316

■ 60.7170, 83.1091,
70.7701

■ 16.2470, 8.2912,
12.4107

■ 61.4923, 83.4192,
74.8530

Harmonies

Analogous

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



30.8372, 31.9911, 36.3851



31.0493, 31.9911, 35.5488



31.0885, 31.9911, 34.5356

Triad

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



31.0493, 31.9911, 35.5488



30.3026, 31.9911, 32.9301



29.8756, 31.9911, 36.0748

Complementary

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



31.0493, 31.9911, 35.5488



30.8398, 33.1234, 35.3415

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.



29.7347, 31.9911, 35.1318



31.0493, 31.9911, 35.5488



29.9800, 31.9911, 33.3254

Square

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



31.0493, 31.9911, 35.5488



30.6555, 31.9911, 33.0368



29.7728, 31.9911, 34.1266



30.1590, 31.9911, 36.6929

Rectangle

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



31.0493, 31.9911, 35.5488



31.0110, 31.9911, 33.8982



29.7728, 31.9911, 34.1266



29.8101, 31.9911, 35.7846

Sweetspot

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



31.0502, 31.9925, 35.5495



56.8144, 59.3802, 65.0817



30.6417, 31.7623, 36.4147



12.5093, 13.0795, 14.3298



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.



31.0502, 31.9925, 35.5495



55.1171, 56.4496, 63.0854



30.8425, 31.9094, 34.4559



7.1075, 7.2523, 8.1334



12.9587, 6.4880, 9.2992



0.2522, 0.1242, 0.2742

Inverse Universe

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



31.0502, 31.9925, 35.5495



55.1171, 56.4496, 63.0854



31.0501, 33.2075, 36.4488



7.1075, 7.2523, 8.1334



12.9587, 6.4880, 9.2992



0.2522, 0.1242, 0.2742

Previews

White Background



This preview shows how the XYZ color 31.0493, 31.9911, 35.5488 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 31.0493, 31.9911, 35.5488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

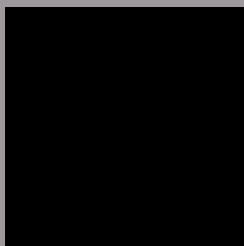
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0493, 31.9911, 35.5488

Background



This preview shows how black text looks on a background with the XYZ color 31.0493, 31.9911, 35.5488.



This preview shows how white text looks on a background with the XYZ color 31.0493, 31.9911,

35.5488.

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

31.0493, 31.9911, 35.5488

Protanopia

30.8252, 32.1176, 35.5850

Deuteranopia

32.6845, 32.1107, 35.9278



Tritanopia

31.7780, 32.0467, 39.1611

Trichromacy



Original Color

31.0493, 31.9911, 35.5488

Protanomaly

31.0179, 32.2169, 35.5940

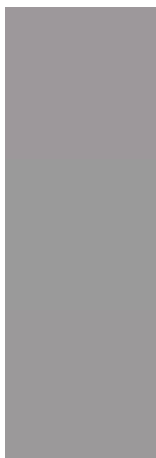
Deuteranomaly

32.0114, 31.9995, 35.9418

Tritanomaly

31.5123, 31.9404, 37.7619

Monochromacy



Original Color

31.0493, 31.9911, 35.5488

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.7415, 32.0841, 35.1445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0493, 31.9911, 35.5488 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, 152, 155)` looks like.

```
.text, #text, p{  
    color:rgb(157, 152, 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(157, 152, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 152, 155) }
```

Border

The CSS property to change the border of an element to XYZ 31.0493, 31.9911, 35.5488 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, 152, 155) }
```


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

```
.border{ border-color:rgb(157, 152, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 152, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 152, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 152, 155);  
box-shadow:4px 4px 4px 4px rgb(157, 152,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0493, 31.9911, 35.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 152, 155) }
```

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

```
.background{ background-color: rgb(157,  
152, 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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