

Converting Colors

XYZ(31.1107, 31.6561, 33.3244)

Have a look what the booklet for
XYZ(31.1107, 31.6561, 33.3244)
contains.

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Color

**XYZ(31.1093, 31.5918,
33.3123)**

Conversions

Conversions Part 1

Format	Color
Hex	A19696
RGB	161, 150, 150
RGB Percent	63%, 59%, 59%
CMY	0.3686, 0.4117, 0.4118
CMYK	0.00, 0.07, 0.07, 0.37
HSL	0°, 6%, 61%
HSV	0°, 7%, 63%
XYZ	31.1093, 31.5918, 33.3123
YIQ	153.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

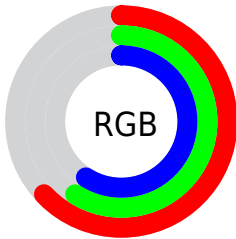
Format	Color
RYB	161, 150, 150
Decimal	10589846
CIELab	63.00, 4.04, 1.45
CIELCh	63, 4.295, 19.712
Yxy	31.5918, 0.3240, 0.3290
Android (android.graphics.Color)	4288779926 (0xFFA19696)
YUV	153.2890, -1.6215, 4.7625
Hunter-Lab	56.2066, 0.4349, 4.2048

Details

The XYZ color **31.1093, 31.5918, 33.3123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7554, 34.5463, 38.7130**, and the grayscale version is **30.4098, 31.9934, 34.8408**.

A 20% lighter version of the original color is **60.8109, 62.1443, 65.9167**, and **13.0206, 13.0757, 13.6420** is the 20% darker color. If you saturate the color by 10%, you get **27.5067, 26.3205, 26.1486**, and if you desaturate by 10%, it is **35.2446, 37.6427, 41.5332**.

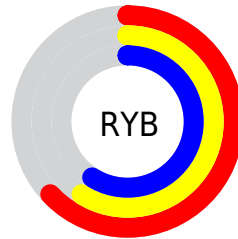
Distribution



Red (63%)

Green (59%)

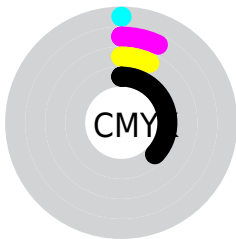
Blue (59%)



Red (63%)

Yellow (59%)

Blue (59%)

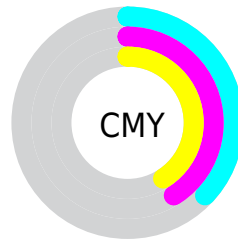


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1093, 31.5918, 33.3123 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 31.1093, 31.5918, 33.3123 by changing the saturation by 10% instead.

■ 31.1093, 31.5918,
33.3123

■ 31.1093, 31.5918,
33.3123

298.8594,
309.2555, 331.7297

■ 20.8343, 21.0499,
22.0927

■ 60.7868, 62.1706,
65.9844

■ 13.1147, 13.1605,
13.7261

■ 80.9200, 82.9763,
88.2740

■ 7.5851, 7.5392,
7.7938

105.0700,
107.9721, 115.0908

■ 3.8802, 3.8015,
3.8774

133.6022,
137.5423, 146.8531

■ 1.6346, 1.5632,
1.5583

166.8819,
172.0713, 183.9796

■ 0.4148, 0.3326,
0.2608

205.2744,

■ 0.0000, 0.0000,

211.9436, 226.8889

0.0000

249.1451,
257.5436, 275.9994

■ 31.1093, 31.5918,
33.3123

■ 31.1093, 31.5918,
33.3123

■ 27.5067, 26.3205,
26.1486

■ 35.2446, 37.6427,
41.5332

■ 24.4127, 21.7933,
19.9974

■ 39.9303, 44.4987,
50.8496

■ 21.8052, 17.9779,
14.8135

■ 45.1865, 52.1894,
61.3004

■ 19.6594, 14.8380,
10.5478

■ 51.0314, 60.7415,
72.9220

■ 17.9485, 12.3344,
7.1468

■ 57.4826, 70.1806,
85.7491

■ 16.6428, 10.4236,
4.5514

■ 64.5567, 80.5311,
99.8151

■ 15.7088, 9.0567,
2.6953

■ 68.5081, 86.3171,
107.6579

■ 15.1079, 8.1772,
1.5013

■ 14.7819, 7.7000,
0.8536

Harmonies

Analogous

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



31.1588, 31.5918, 34.9825



31.1093, 31.5918, 33.3123



30.7677, 31.5918, 31.9754

Triad

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



31.1093, 31.5918, 33.3123



29.1688, 31.5918, 32.3368



29.8246, 31.5918, 37.6997

Complementary

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



31.1093, 31.5918, 33.3123



31.7554, 34.5463, 38.7130

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.



29.2984, 31.5918, 36.9401



31.1093, 31.5918, 33.3123



28.9231, 31.5918, 33.8203

Square

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



31.1093, 31.5918, 33.3123



29.6455, 31.5918, 31.4252



28.9702, 31.5918, 35.5072



30.4119, 31.5918, 37.5529

Rectangle

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



31.1093, 31.5918, 33.3123



30.4227, 31.5918, 31.4357



28.9702, 31.5918, 35.5072



29.6349, 31.5918, 37.5410

Sweetspot

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



31.1102, 31.5932, 33.3130



59.1443, 61.5977, 66.4780



32.0377, 31.9634, 38.1995



12.9908, 13.5379, 14.6184



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.1102, 31.5932, 33.3130



54.8110, 55.2571, 57.8624



32.0081, 33.3889, 33.6123



7.0739, 7.0863, 7.3750



11.7393, 6.0525, 0.5495



0.2467, 0.1273, 0.0116

Inverse Universe

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



31.7554, 34.5463, 38.7130



56.1774, 61.5112, 69.2985



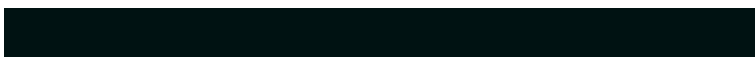
30.8158, 32.6671, 38.3998



7.2760, 8.0109, 9.0658



15.3105, 22.4004, 30.4465



0.3218, 0.4708, 0.6398

Previews

White Background



This preview shows how the XYZ color 31.1093, 31.5918, 33.3123 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 31.1093, 31.5918, 33.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

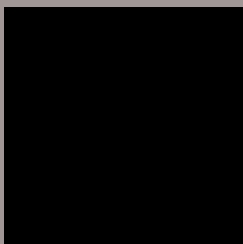
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

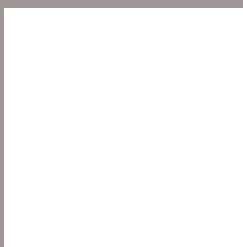
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.1093, 31.5918, 33.3123

Background



This preview shows how black text looks on a background with the XYZ color 31.1093, 31.5918, 33.3123.



This preview shows how white text looks on a background with the XYZ color 31.1093, 31.5918,

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

31.1093, 31.5918, 33.3123

Protanopia

30.3317, 31.6594, 33.7904

Deuteranopia

32.2434, 31.7066, 33.2747



Tritanopia

31.8354, 31.3993, 37.6405

Trichromacy



Original Color

31.1093, 31.5918, 33.3123

Protanomaly

30.5572, 31.5357, 33.7546

Deuteranomaly

31.7695, 31.6962, 33.2977

Tritanomaly

31.6485, 31.5766, 35.8793

Monochromacy



Original Color

31.1093, 31.5918, 33.3123

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6060, 31.7914, 34.2290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1093, 31.5918, 33.3123 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(161, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(161, 150, 150)  
}
```

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(161, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 31.1093, 31.5918, 33.3123 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(161, 150, 150) }
```


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

```
.border{ border-color:rgb(161, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(161, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1093, 31.5918, 33.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 150, 150) }
```

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

```
.background{ background-color: rgb(161,  
150, 150) }
```

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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