

Converting Colors

XYZ(30.6532, 31.5987, 31.9513)

Have a look what the booklet for
XYZ(30.6532, 31.5987, 31.9513)
contains.

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Color

**XYZ(30.6311, 31.6107,
32.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9793
RGB	159, 151, 147
RGB Percent	62%, 59%, 58%
CMY	0.3765, 0.4078, 0.4235
CMYK	0.00, 0.05, 0.08, 0.38
HSL	20°, 6%, 60%
HSV	20°, 8%, 62%
XYZ	30.6311, 31.6107, 32.0908
YIQ	152.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

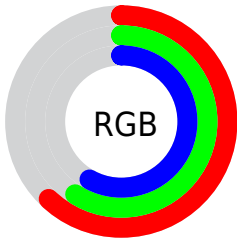
Format	Color
R_{YB}	159, 153, 147
Decimal	10459027
CIE Lab	63.02, 2.20, 3.14
CIE LCh	63, 3.837, 55.008
Yxy	31.6107, 0.3247, 0.3351
Android (android.graphics.Color)	4288649107 (0xFF9F9793)
YUV	152.9360, -2.9264, 5.3181
Hunter-Lab	56.2234, -1.1422, 5.5152

Details

The XYZ color **30.6311, 31.6107, 32.0908** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0119, 32.1483, 37.4246**, and the grayscale version is **30.2616, 31.8376, 34.6711**.

A 20% lighter version of the original color is **60.1055, 62.1758, 64.0916**, and **12.8992, 13.1656, 13.1706** is the 20% darker color. If you saturate the color by 10%, you get **27.8396, 27.8880, 25.4243**, and if you desaturate by 10%, it is **33.7502, 35.7118, 39.7182**.

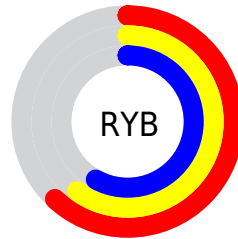
Distribution



Red (62%)

Green (59%)

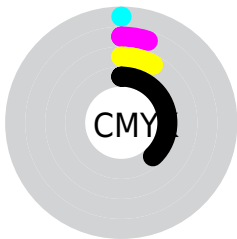
Blue (58%)



Red (62%)

Yellow (60%)

Blue (58%)

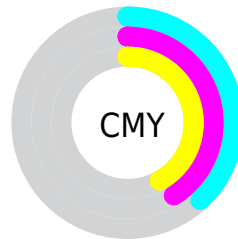


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6311, 31.6107, 32.0908 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 30.6311, 31.6107, 32.0908 by changing the saturation by 10% instead.

■ 30.6311, 31.6107,
32.0908

■ 30.6311, 31.6107,
32.0908

296.6925,
309.3420, 326.0381

■ 20.4686, 21.0643,
21.1655

■ 60.0386, 62.2003,
64.0530

■ 12.8463, 13.1710,
13.0526

■ 80.0143, 83.0123,
85.9269

■ 7.3991, 7.5464,
7.3336

103.9917,
108.0150, 112.2874

■ 3.7615, 3.8061,
3.5900

132.3362,
137.5927, 143.5531

■ 1.5681, 1.5657,
1.4032

165.4132,
172.1298, 180.1425

■ 0.3715, 0.3343,
0.1442

203.5880,

■ 0.0000, 0.0000,

212.0109, 222.4741

0.0000

247.2260,
257.6201, 270.9664

■ 30.6311, 31.6107,
32.0908

■ 30.6311, 31.6107,
32.0908

■ 27.8396, 27.8880,
25.4243

■ 33.7502, 35.7118,
39.7182

■ 25.3619, 24.5286,
19.6781

■ 37.2047, 40.1974,
48.3405

■ 23.1873, 21.5226,
14.8121

■ 41.0054, 45.0790,
57.9927

■ 21.3032, 18.8580,
10.7821

■ 45.1621, 50.3660,
68.7076

■ 19.6963, 16.5220,
7.5403

■ 49.6838, 56.0679,
80.5163

■ 18.3520, 14.5011,
5.0336

■ 54.5794, 62.1935,
93.4488

■ 17.2542, 12.7807,
3.2027

■ 59.3212, 68.5370,
104.7102

■ 16.3847, 11.3447,
1.9787

■ 62.2783, 74.4512,
105.6958

■ 15.7163, 10.1730,
1.2473

■ 65.4163, 80.7272,
106.7419

Harmonies

Analogous

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



30.9747, 31.6107, 33.2039



30.6311, 31.6107, 32.0908



30.1335, 31.6107, 31.6021

Triad

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



30.6311, 31.6107, 32.0908



29.0448, 31.6107, 34.1663



30.4763, 31.6107, 37.1220

Complementary

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



30.6311, 31.6107, 32.0908



30.0119, 32.1483, 37.4246

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.



29.9568, 31.6107, 37.3978



30.6311, 31.6107, 32.0908



29.1342, 31.6107, 35.6628

Square

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



30.6311, 31.6107, 32.0908



29.2208, 31.6107, 32.7778



29.4665, 31.6107, 36.8565



30.8846, 31.6107, 36.1134

Rectangle

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



30.6311, 31.6107, 32.0908



29.7828, 31.6107, 31.6855



29.4665, 31.6107, 36.8565



30.3087, 31.6107, 37.3047

Sweetspot

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



30.6320, 31.6121, 32.0915



57.8616, 60.5741, 64.7799



30.6485, 30.6054, 35.3028



13.0599, 13.6762, 14.6415



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.



30.6320, 31.6121, 32.0915



54.0072, 55.4853, 55.4179



31.6218, 33.5918, 32.4214



6.8048, 6.9897, 6.9762



12.3352, 7.9060, 0.8759



0.2573, 0.2149, 0.0279

Inverse Universe

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



30.0119, 32.1483, 37.4246



52.6720, 56.6397, 66.8999



29.0385, 30.2016, 37.1002



6.6353, 7.1363, 8.4344



9.0499, 10.1913, 27.3974



0.1990, 0.2567, 0.5023

Previews

White Background



This preview shows how the XYZ color 30.6311, 31.6107, 32.0908 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 30.6311, 31.6107, 32.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

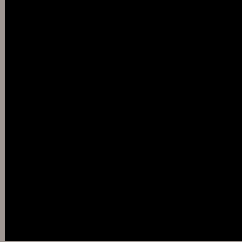
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

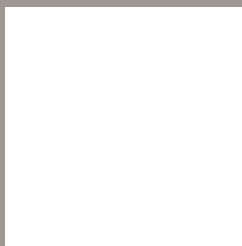
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6311, 31.6107, 32.0908

Background



This preview shows how black text looks on a background with the XYZ color 30.6311, 31.6107, 32.0908.

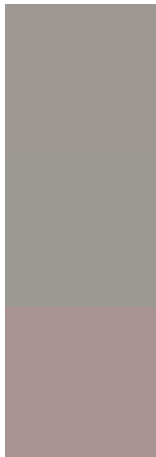


This preview shows how white text looks on a background with the XYZ color 30.6311, 31.6107,

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

30.6311, 31.6107, 32.0908

Protanopia

30.2050, 31.6310, 32.1172

Deuteranopia

32.1412, 31.4406, 32.3916



Tritanopia

31.8784, 31.6452, 38.1462

Trichromacy



Original Color

30.6311, 31.6107, 32.0908

Protanomaly

30.3993, 31.7312, 32.1263

Deuteranomaly

31.4523, 31.3173, 32.4041

Tritanomaly

31.4043, 31.6866, 35.9134

Monochromacy



Original Color

30.6311, 31.6107, 32.0908

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3317, 31.6594, 33.7904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6311, 31.6107, 32.0908 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(159, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 151, 147)  
}
```

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(159, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 151, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.6311, 31.6107, 32.0908 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(159, 151, 147) }
```


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

```
.border{ border-color:rgb(159, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 151,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6311, 31.6107, 32.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 151, 147) }
```

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

```
.background{ background-color: rgb(159,  
151, 147) }
```

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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