

Converting Colors

XYZ(30.7917, 31.7243, 33.6186)

Have a look what the booklet for
XYZ(30.7917, 31.7243, 33.6186)
contains.

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Color

**XYZ(30.7531, 31.6367,
33.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9797
RGB	158, 151, 151
RGB Percent	62%, 59%, 59%
CMY	0.3804, 0.4078, 0.4078
CMYK	0.00, 0.04, 0.04, 0.38
HSL	0°, 3%, 61%
HSV	0°, 4%, 62%
XYZ	30.7531, 31.6367, 33.7638
YIQ	153.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

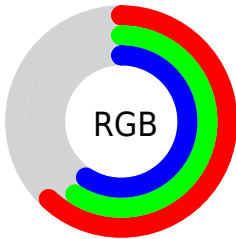
Format	Color
R_{YB}	158, 151, 151
Decimal	10393495
CIE Lab	63.04, 2.56, 0.91
CIE LCh	63, 2.717, 19.497
Yxy	31.6367, 0.3198, 0.3290
Android (android.graphics.Color)	4288583575 (0xFF9E9797)
YUV	153.0930, -1.0318, 4.3034
Hunter-Lab	56.2465, -0.8355, 3.7818

Details

The XYZ color **30.7531, 31.6367, 33.7638** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1609, 33.5012, 37.1722**, and the grayscale version is **30.3226, 31.9017, 34.7410**.

A 20% lighter version of the original color is **60.2913, 62.2166, 66.5889**, and **12.9208, 13.1602, 13.9158** is the 20% darker color. If you saturate the color by 10%, you get **27.1814, 26.4108, 26.6611**, and if you desaturate by 10%, it is **34.8391, 37.6153, 41.8872**.

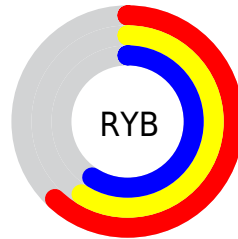
Distribution



Red (62%)

Green (59%)

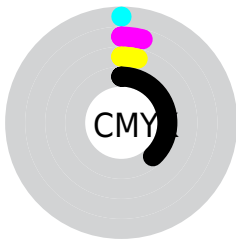
Blue (59%)



Red (62%)

Yellow (59%)

Blue (59%)

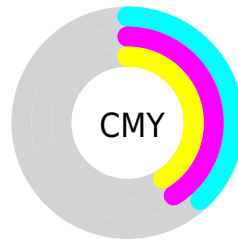


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7531, 31.6367, 33.7638 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 30.7531, 31.6367, 33.7638 by changing the saturation by 10% instead.

■ 30.7531, 31.6367,
33.7638

■ 30.7531, 31.6367,
33.7638

297.2465,
309.4610, 333.8145

■ 20.5618, 21.0842,
22.4363

■ 60.2296, 62.2411,
66.6959

■ 12.9147, 13.1855,
13.9765

■ 80.2456, 83.0618,
89.1376

■ 7.4464, 7.5564,
7.9657

104.2672,
108.0739, 116.1210

■ 3.7916, 3.8125,
3.9856

132.6597,
137.6620, 148.0649

■ 1.5849, 1.5692,
1.6174

165.7885,
172.2103, 185.3876

■ 0.3826, 0.3367,
0.3032

204.0190,

■ 0.0000, 0.0000,

212.1033, 228.5077

0.0000

247.7166,
257.7254, 277.8439

■ 30.7531, 31.6367,
33.7638

■ 30.7531, 31.6367,
33.7638

■ 27.1814, 26.4108,
26.6611

■ 34.8391, 37.6153,
41.8872

■ 24.1011, 21.9037,
20.5368

■ 39.4559, 44.3703,
51.0673

■ 21.4916, 18.0853,
15.3487

■ 44.6225, 51.9296,
61.3407

■ 19.3296, 14.9218,
11.0507

■ 50.3561, 60.3185,
72.7419

■ 17.5901, 12.3763,
7.5928

■ 56.6733, 69.5612,
85.3038

■ 16.2453, 10.4084,
4.9199

■ 63.5898, 79.6808,
99.0577

■ 15.2645, 8.9730,
2.9708

■ 67.9108, 86.0092,
107.6299

■ 14.6122, 8.0182,
1.6748

■ 14.2451, 7.4808,
0.9458

Harmonies

Analogous

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



30.7828, 31.6367, 34.8240



30.7531, 31.6367, 33.7638



30.5395, 31.6367, 32.9038

Triad

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



30.7531, 31.6367, 33.7638



29.5259, 31.6367, 33.1259



29.9388, 31.6367, 36.5131

Complementary

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



30.7531, 31.6367, 33.7638



31.1609, 33.5012, 37.1722

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.



29.6048, 31.6367, 36.0377



30.7531, 31.6367, 33.7638



29.3678, 31.6367, 34.0727

Square

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



30.7531, 31.6367, 33.7638



29.8302, 31.6367, 32.5408



29.3966, 31.6367, 35.1393



30.3105, 31.6367, 36.4262

Rectangle

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



30.7531, 31.6367, 33.7638



30.3225, 31.6367, 32.5527



29.3966, 31.6367, 35.1393



29.8184, 31.6367, 36.4134

Sweetspot

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



30.7540, 31.6381, 33.7645



58.2723, 61.0004, 66.1349



31.3392, 31.8714, 36.8483



13.1472, 13.7668, 14.9294



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.



30.7540, 31.6381, 33.7645



55.3868, 56.7785, 60.3976



31.3252, 32.7806, 33.9549



6.9445, 7.1019, 7.5377



11.2937, 5.8230, 0.5287



0.2020, 0.1042, 0.0095

Inverse Universe

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



31.1609, 33.5012, 37.1722



56.2334, 60.6546, 67.4871



30.5728, 32.3250, 36.9762



7.0603, 7.6322, 8.5077



14.7268, 21.5451, 29.2897



0.2634, 0.3854, 0.5237

Previews

White Background



This preview shows how the XYZ color 30.7531, 31.6367, 33.7638 looks on a white background.

Color Contrast Check

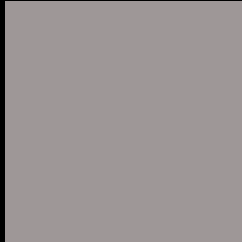
Large Text (above 18pt) WCAG AA × Fail

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 30.7531, 31.6367, 33.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

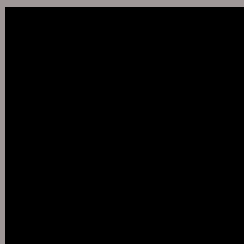
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

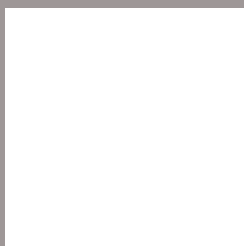
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7531, 31.6367, 33.7638

Background



This preview shows how black text looks on a background with the XYZ color 30.7531, 31.6367, 33.7638.



This preview shows how white text looks on a background with the XYZ color 30.7531, 31.6367,

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

30.7531, 31.6367, 33.7638

Protanopia

30.3317, 31.6594, 33.7904

Deuteranopia

32.1938, 31.6623, 34.1204



Tritanopia

31.4785, 31.4390, 38.1275

Trichromacy



Original Color

30.7531, 31.6367, 33.7638

Protanomaly

30.5245, 31.7588, 33.7994

Deuteranomaly

31.7248, 31.6544, 34.1436

Tritanomaly

31.2902, 31.6179, 36.3520

Monochromacy



Original Color

30.7531, 31.6367, 33.7638

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4133, 31.6920, 34.2200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7531, 31.6367, 33.7638 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(158, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(158, 151, 151)  
}
```

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(158, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 151, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.7531, 31.6367, 33.7638 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(158, 151, 151) }
```


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

```
.border{ border-color:rgb(158, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 151,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7531, 31.6367, 33.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 151, 151) }
```

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

```
.background{ background-color: rgb(158,  
151, 151) }
```

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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