

Converting Colors

XYZ(30.1704, 31.3785, 30.7725)

Have a look what the booklet for
XYZ(30.1704, 31.3785, 30.7725)
contains.

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Color

**XYZ(30.2012, 31.4159,
30.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9790
RGB	158, 151, 144
RGB Percent	62%, 59%, 56%
CMY	0.3804, 0.4078, 0.4353
CMYK	0.00, 0.04, 0.09, 0.38
HSL	30°, 7%, 59%
HSV	30°, 9%, 62%
XYZ	30.2012, 31.4159, 30.8577
YIQ	152.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

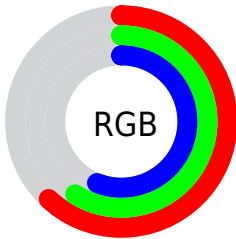
Format	Color
R_{YB}	158, 158, 144
Decimal	10393488
CIE Lab	62.86, 1.29, 4.59
CIE LCh	63, 4.768, 74.300
Yxy	31.4159, 0.3266, 0.3397
Android (android.graphics.Color)	4288583568 (0xFF9E9790)
YUV	152.2950, -4.0894, 5.0033
Hunter-Lab	56.0499, -1.9067, 6.5934

Details

The XYZ color **30.2012, 31.4159, 30.8577** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7398, 30.5307, 36.7264**, and the grayscale version is **29.9883, 31.5501, 34.3580**.

A 20% lighter version of the original color is **59.4649, 61.8860, 62.2371**, and **12.6410, 13.0483, 12.4420** is the 20% darker color. If you saturate the color by 10%, you get **27.8488, 28.5100, 24.5268**, and if you desaturate by 10%, it is **32.8096, 34.5624, 38.1086**.

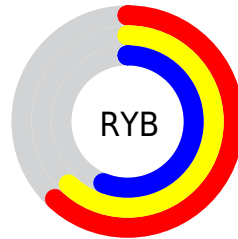
Distribution



Red (62%)

Green (59%)

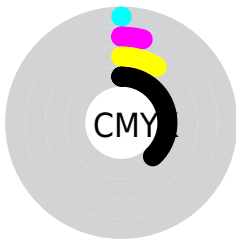
Blue (56%)



Red (62%)

Yellow (62%)

Blue (56%)

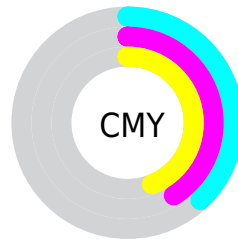


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2012, 31.4159, 30.8577 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 30.2012, 31.4159, 30.8577 by changing the saturation by 10% instead.

■ 30.2012, 31.4159,
30.8577

■ 30.2012, 31.4159,
30.8577

294.7342,
308.4498, 320.2131

■ 20.1402, 20.9157,
20.2330

■ 59.3647, 61.8943,
62.0929

■ 12.6058, 13.0624,
12.3787

■ 79.1978, 82.6413,
83.5405

■ 7.2328, 7.4716,
6.8765

103.0191,
107.5727, 109.4327

■ 3.6557, 3.7587,
3.3077

131.1938,
137.0729, 140.1882

■ 1.5093, 1.5395,
1.2538

164.0873,
171.5264, 176.2254

■ 0.3321, 0.3163,
0.0235

202.0650,

■ 0.0000, 0.0000,

211.3174, 217.9629

0.0000

245.4921,
256.8304, 265.8193

■ 30.2012, 31.4159,
30.8577

■ 30.2012, 31.4159,
30.8577

■ 27.8488, 28.5100,
24.5268

■ 32.8096, 34.5624,
38.1086

■ 25.7410, 25.8346,
19.0765

■ 35.6795, 37.9514,
46.3127

■ 23.8697, 23.3845,
14.4676

■ 38.8195, 41.5897,
55.5038

■ 22.2249, 21.1532,
10.6571

■ 42.2372, 45.4828,
65.7137

■ 20.7961, 19.1333,
7.5982

■ 45.9397, 49.6359,
76.9726

■ 19.5717, 17.3174,
5.2390

■ 49.9337, 54.0541,
89.3096

■ 18.5387, 15.6969,
3.5212

■ 54.2260, 58.7422,
102.7524

■ 17.6823, 14.2629,
2.3763

■ 56.2427, 62.6731,
103.7406

■ 16.9742, 13.0004,
1.6664

■ 58.2922, 66.7722,
104.4237

Harmonies

Analogous

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



30.7683, 31.4159, 31.7542



30.2012, 31.4159, 30.8577



29.5506, 31.4159, 30.8365

Triad

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



30.2012, 31.4159, 30.8577



28.6587, 31.4159, 35.1032



30.7461, 31.4159, 36.8474

Complementary

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



30.2012, 31.4159, 30.8577



28.7398, 30.5307, 36.7264

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.



30.1713, 31.4159, 37.8137



30.2012, 31.4159, 30.8577



28.9695, 31.4159, 36.7821

Square

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



30.2012, 31.4159, 30.8577



28.6664, 31.4159, 33.2419



29.5211, 31.4159, 37.7894



31.0860, 31.4159, 35.1897

Rectangle

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



30.2012, 31.4159, 30.8577



29.1573, 31.4159, 31.3189



29.5211, 31.4159, 37.7894



30.5736, 31.4159, 37.2665

Sweetspot

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



30.2021, 31.4173, 30.8584



57.5363, 60.3135, 63.4696



29.6602, 29.4505, 33.3998



12.8878, 13.4967, 14.0761



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.



30.2021, 31.4173, 30.8584



53.7991, 55.7715, 53.1832



31.3619, 33.7368, 31.2450



6.8934, 7.1668, 7.0057



13.5737, 10.3829, 1.2887



0.2850, 0.2702, 0.0371

Inverse Universe

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



28.7398, 30.5307, 36.7264



50.4905, 53.7656, 66.4601



27.6469, 28.3449, 36.3621



6.5449, 6.9555, 8.4043



7.2197, 6.5310, 26.7873



0.1714, 0.2014, 0.4931

Previews

White Background



This preview shows how the XYZ color 30.2012, 31.4159, 30.8577 looks on a white background.

Color Contrast Check

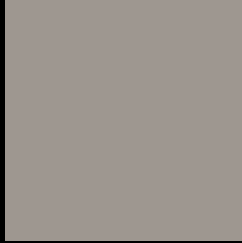
Large Text (above 18pt) WCAG AA × Fail

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 30.2012, 31.4159, 30.8577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

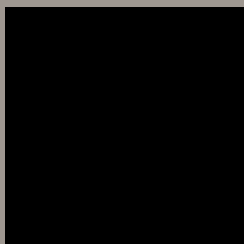
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

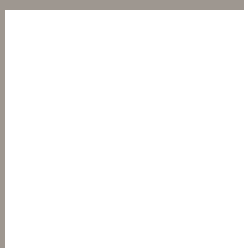
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2012, 31.4159, 30.8577

Background



This preview shows how black text looks on a background with the XYZ color 30.2012, 31.4159, 30.8577.



This preview shows how white text looks on a background with the XYZ color 30.2012, 31.4159,

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

30.2012, 31.4159, 30.8577

Protanopia

30.0053, 31.3149, 30.8485

Deuteranopia

31.9067, 31.3468, 31.1569



Tritanopia

31.5898, 31.5065, 37.6741

Trichromacy



Original Color

30.2012, 31.4159, 30.8577

Protanomaly

30.0053, 31.3149, 30.8485

Deuteranomaly

31.2178, 31.2235, 31.1694

Tritanomaly

31.0372, 31.5167, 35.0193

Monochromacy



Original Color

30.2012, 31.4159, 30.8577

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9795, 31.4964, 32.9331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2012, 31.4159, 30.8577 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, 144) looks like.

```
.text, #text, p{  
    color:rgb(158, 151, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 151, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.2012, 31.4159, 30.8577 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, 144) }
```


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

```
.border{ border-color:rgb(158, 151, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(158, 151,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2012, 31.4159, 30.8577 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, 144) }
```

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

```
.background{ background-color: rgb(158,  
151, 144) }
```

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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