

Converting Colors

XYZ(30.1945, 31.3476, 31.3777)

Have a look what the booklet for
XYZ(30.1945, 31.3476, 31.3777)
contains.

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Color

**XYZ(30.2780, 31.4467,
31.2621)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9791
RGB	158, 151, 145
RGB Percent	62%, 59%, 57%
CMY	0.3804, 0.4078, 0.4314
CMYK	0.00, 0.04, 0.08, 0.38
HSL	28°, 6%, 59%
HSV	28°, 8%, 62%
XYZ	30.2780, 31.4467, 31.2621
YIQ	152.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

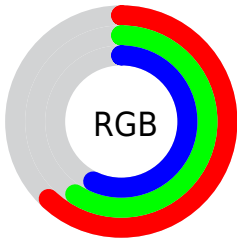
Format	Color
R _Y B	158, 156, 145
Decimal	10393489
CIE Lab	62.88, 1.47, 4.06
CIE LCh	63, 4.320, 70.133
Yxy	31.4467, 0.3256, 0.3382
Android (android.graphics.Color)	4288583569 (0xFF9E9791)
YUV	152.4090, -3.6526, 4.9033
Hunter-Lab	56.0774, -1.7574, 6.2011

Details

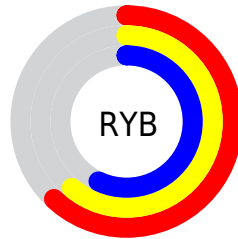
The XYZ color **30.2780, 31.4467, 31.2621** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0767, 30.9442, 36.7884**, and the grayscale version is **30.0360, 31.6002, 34.4126**.

A 20% lighter version of the original color is **59.5807, 61.9323, 62.8467**, and **12.6861, 13.0664, 12.6799** is the 20% darker color. If you saturate the color by 10%, you get **27.8241, 28.3547, 24.8456**, and if you desaturate by 10%, it is **33.0019, 34.8067, 38.6054**.

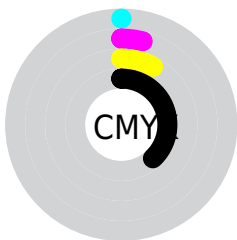
Distribution



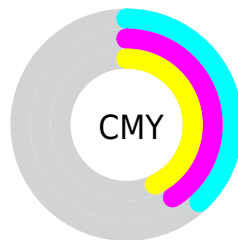
- Red (62%)
- Green (59%)
- Blue (57%)



- Red (62%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2780, 31.4467, 31.2621 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 30.2780, 31.4467, 31.2621 by changing the saturation by 10% instead.

■ 30.2780, 31.4467,
31.2621

■ 30.2780, 31.4467,
31.2621

295.0848,
308.5910, 322.1325

■ 20.1988, 20.9392,
20.5384

■ 59.4852, 61.9427,
62.7369

■ 12.6487, 13.0796,
12.5990

■ 79.3438, 82.7000,
84.3250

■ 7.2624, 7.4834,
7.0256

103.1931,
107.6427, 110.3717

■ 3.6746, 3.7662,
3.3994

131.3982,
137.1552, 141.2955

■ 1.5197, 1.5437,
1.3020

164.3246,
171.6219, 177.5150

■ 0.3392, 0.3192,
0.0634

202.3375,

■ 0.0000, 0.0000,

211.4271, 219.4486

0.0000

245.8025,
256.9554, 267.5149

■ 30.2780, 31.4467,
31.2621

■ 30.2780, 31.4467,
31.2621

■ 27.8241, 28.3547,
24.8456

■ 33.0019, 34.8067,
38.6054

■ 25.6285, 25.5197,
19.3165

■ 36.0016, 38.4373,
46.9086

■ 23.6826, 22.9357,
14.6356

■ 39.2863, 42.3461,
56.2057

■ 21.9761, 20.5953,
10.7600

■ 42.8637, 46.5393,
66.5284

■ 20.4979, 18.4902,
7.6430

■ 46.7413, 51.0229,
77.9070

■ 19.2361, 16.6119,
5.2329

■ 50.9263, 55.8025,
90.3705

■ 18.1772, 14.9510,
3.4716

■ 55.3286, 60.8451,
103.4359

■ 17.3060, 13.4972,
2.2915

■ 57.4914, 65.1705,
104.1568

■ 16.5962, 12.2358,
1.5674

■ 59.7674, 69.7226,
104.9155

Harmonies

Analogous

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



30.7687, 31.4467, 32.1797



30.2780, 31.4467, 31.2621



29.6891, 31.4467, 31.1274

Triad

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



30.2780, 31.4467, 31.2621



28.7816, 31.4467, 34.8174



30.6296, 31.4467, 36.7959

Complementary

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



30.2780, 31.4467, 31.2621



29.0767, 30.9442, 36.7884

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.



30.0900, 31.4467, 37.5537



30.2780, 31.4467, 31.2621



29.0265, 31.4467, 36.3867

Square

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



30.2780, 31.4467, 31.2621



28.8304, 31.4467, 33.1432



29.5036, 31.4467, 37.4015



30.9735, 31.4467, 35.3610

Rectangle

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



30.2780, 31.4467, 31.2621



29.3208, 31.4467, 31.4949



29.5036, 31.4467, 37.4015



30.4648, 31.4467, 37.1404

Sweetspot

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



30.2789, 31.4481, 31.2628



57.9875, 60.8260, 64.8219



29.9061, 29.7923, 33.9449



13.0867, 13.7297, 14.6504



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.



30.2789, 31.4481, 31.2628



54.0706, 55.9660, 54.3486



31.3280, 33.5463, 31.6125



6.8728, 7.1256, 6.9988



13.2380, 9.7115, 1.1768



0.2786, 0.2575, 0.0350

Inverse Universe

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



29.0767, 30.9442, 36.7884



51.4007, 54.8469, 66.6208



28.0741, 28.9389, 36.4541



6.5656, 6.9969, 8.4112



7.5867, 7.2649, 26.9096



0.1778, 0.2141, 0.4952

Previews

White Background



This preview shows how the XYZ color 30.2780, 31.4467, 31.2621 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 30.2780, 31.4467, 31.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

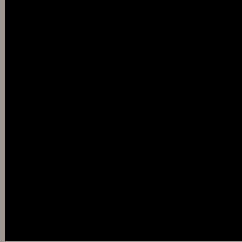
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2780, 31.4467, 31.2621

Background



This preview shows how black text looks on a background with the XYZ color 30.2780, 31.4467, 31.2621.



This preview shows how white text looks on a background with the XYZ color 30.2780, 31.4467,

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

30.2780, 31.4467, 31.2621

Protanopia

29.8877, 31.2455, 31.2438

Deuteranopia

31.9842, 31.3778, 31.5649



Tritanopia

31.5898, 31.5065, 37.6741

Trichromacy



Original Color

30.2780, 31.4467, 31.2621

Protanomaly

30.0821, 31.3456, 31.2529

Deuteranomaly

31.2953, 31.2545, 31.5774

Tritanomaly

31.1208, 31.5502, 35.4599

Monochromacy



Original Color

30.2780, 31.4467, 31.2621

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 30.2780, 31.4467, 31.2621 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(158, 151, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 151, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.2780, 31.4467, 31.2621 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, 145) }
```


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

```
.border{ border-color:rgb(158, 151, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 151, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 151, 145);  
box-shadow:4px 4px 4px 4px rgb(158, 151,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2780, 31.4467, 31.2621 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, 145) }
```

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

```
.background{ background-color: rgb(158,  
151, 145) }
```

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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