

Converting Colors

XYZ(28.6880, 31.5869, 31.2366)

Have a look what the booklet for
XYZ(28.6880, 31.5869, 31.2366)
contains.

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Color

**XYZ(28.6862, 31.5980,
31.3752)**

Conversions

Conversions Part 1

Format	Color
Hex	929B91
RGB	146, 155, 145
RGB Percent	57%, 61%, 57%
CMY	0.4274, 0.3921, 0.4314
CMYK	0.06, 0.00, 0.06, 0.39
HSL	114°, 5%, 59%
HSV	114°, 6%, 61%
XYZ	28.6862, 31.5980, 31.3752
YIQ	151.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

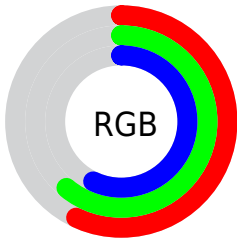
Format	Color
RYB	145, 155, 154
Decimal	9608081
CIELab	63.01, -5.17, 4.12
CIElCh	63, 6.611, 141.427
Yxy	31.5980, 0.3130, 0.3447
Android (android.graphics.Color)	4287798161 (0xFF929B91)
YUV	151.1690, -3.0413, -4.5332
Hunter-Lab	56.2121, -7.2789, 6.2553

Details

The XYZ color **28.6862, 31.5980, 31.3752** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3695, 29.4883, 35.1559**, and the grayscale version is **29.5017, 31.0381, 33.8005**.

A 20% lighter version of the original color is **56.9287, 62.0038, 63.0003**, and **11.8397, 13.2136, 12.7529** is the 20% darker color. If you saturate the color by 10%, you get **25.2412, 29.9518, 25.3948**, and if you desaturate by 10%, it is **32.5988, 33.4683, 38.2301**.

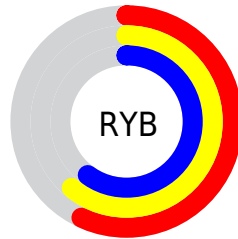
Distribution



Red (57%)

Green (61%)

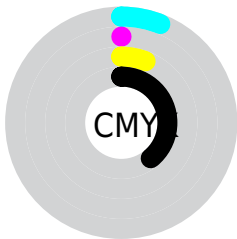
Blue (57%)



Red (57%)

Yellow (61%)

Blue (60%)

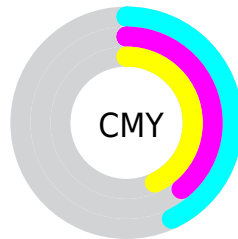


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (39%)



Cyan (43%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6862, 31.5980, 31.3752 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 28.6862, 31.5980, 31.3752 by changing the saturation by 10% instead.

■ 28.6862, 31.5980,
31.3752

■ 28.6862, 31.5980,
31.3752

287.7525,
309.2839, 322.6677

■ 18.9867, 21.0546,
20.6239

■ 56.9792, 62.1803,
62.9168

■ 11.7646, 13.1639,
12.6608

■ 76.3033, 82.9881,
84.5441

■ 6.6546, 7.5415,
7.0674

99.5663, 107.9861,
110.6339

■ 3.2915, 3.8030,
3.4252

127.1336,
137.5588, 141.6046

■ 1.3097, 1.5640,
1.3156

159.3705,
172.0905, 177.8748

■ 0.1905, 0.3331,
0.0746

196.6424,

■ 0.0000, 0.0000,

211.9657, 219.8630

0.0000

239.3146,
257.5687, 267.9878

■ 28.6862, 31.5980,
31.3752

■ 28.6862, 31.5980,
31.3752

■ 25.2412, 29.9518,
25.3948

■ 32.5988, 33.4683,
38.2301

■ 22.2437, 28.5172,
20.2518

■ 36.9928, 35.5662,
45.9906

■ 19.6761, 27.2870,
15.9094

■ 41.8848, 37.9007,
54.6886

■ 17.5187, 26.2519,
12.3274

■ 47.2898, 40.4787,
64.3540

■ 15.7499, 25.4017,
9.4620

■ 53.2220, 43.3071,
75.0153

■ 14.3467, 24.7254,
7.2650

■ 59.6953, 46.3923,
86.6999

■ 13.2831, 24.2110,
5.6824

■ 66.7230, 49.7406,
99.4341

■ 12.5298, 23.8448,
4.6515

■ 71.0120, 51.9239,
100.8873

■ 12.0495, 23.6093,
4.0799

Harmonies

Analogous

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



29.3985, 31.5980, 29.9495



28.6862, 31.5980, 31.3752



28.3365, 31.5980, 33.6635

Triad

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



28.6862, 31.5980, 31.3752



29.7730, 31.5980, 39.5994



31.6907, 31.5980, 32.6072

Complementary

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



28.6862, 31.5980, 31.3752



29.3695, 29.4883, 35.1559

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.



31.7958, 31.5980, 35.1570



28.6862, 31.5980, 31.3752



30.6764, 31.5980, 39.2815

Square

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



28.6862, 31.5980, 31.3752



28.9556, 31.5980, 38.4714



31.4212, 31.5980, 37.6235



31.1367, 31.5980, 30.6354

Rectangle

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



28.6862, 31.5980, 31.3752



28.3510, 31.5980, 35.4068



31.4212, 31.5980, 37.6235



31.7801, 31.5980, 33.4220

Sweetspot

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



28.6871, 31.5994, 31.3759



54.3603, 58.0158, 61.4097



30.1854, 32.1257, 31.3985



12.3234, 13.1407, 13.9333



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.6871, 31.5994, 31.3759



50.2639, 56.0581, 54.2551



28.8242, 31.6338, 33.0214



6.1866, 6.9537, 6.6220



9.5960, 18.9228, 3.1467



0.1567, 0.2897, 0.0477

Inverse Universe

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



29.3695, 29.4883, 35.1559



51.7912, 51.3334, 62.7149



29.2300, 29.4546, 33.4240



6.4004, 6.2923, 7.8062



13.3912, 6.3545, 25.4284



0.2154, 0.1029, 0.3809

Previews

White Background



This preview shows how the XYZ color 28.6862, 31.5980, 31.3752 looks on a white background.

Color Contrast Check

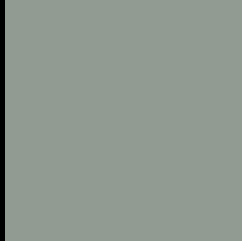
Large Text (above 18pt) WCAG AA × Fail

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 28.6862, 31.5980, 31.3752 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

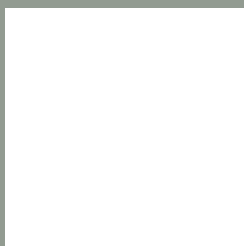
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6862, 31.5980, 31.3752

Background



This preview shows how black text looks on a background with the XYZ color 28.6862, 31.5980, 31.3752.



This preview shows how white text looks on a background with the XYZ color 28.6862, 31.5980,

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

28.6862, 31.5980, 31.3752

Protanopia

30.0908, 31.6077, 30.5015

Deuteranopia

32.0624, 31.4090, 31.9764



Tritanopia

30.3235, 31.5264, 39.6089

Trichromacy



Original Color

28.6862, 31.5980, 31.3752

Protanomaly

29.5621, 31.5684, 30.9208

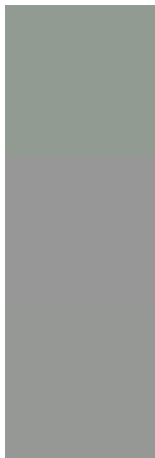
Deuteranomaly

30.7926, 31.4651, 31.6446

Tritanomaly

29.6898, 31.5127, 36.4160

Monochromacy



Original Color

28.6862, 31.5980, 31.3752

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0475, 31.0160, 32.8895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6862, 31.5980, 31.3752 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(146, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(146, 155, 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(146, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 155, 145) }
```

Border

The CSS property to change the border of an element to XYZ 28.6862, 31.5980, 31.3752 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(146, 155, 145) }
```


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

```
.border{ border-color:rgb(146, 155, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(146, 155,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6862, 31.5980, 31.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 155, 145) }
```

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

```
.background{ background-color: rgb(146,  
155, 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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