

Converting Colors

XYZ(27.8869, 31.3961, 31.5822)

Have a look what the booklet for
XYZ(27.8869, 31.3961, 31.5822)
contains.

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Color

**XYZ(27.8920, 31.4277,
31.7902)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9C92
RGB	140, 156, 146
RGB Percent	55%, 61%, 57%
CMY	0.4510, 0.3882, 0.4274
CMYK	0.10, 0.00, 0.06, 0.39
HSL	142°, 7%, 58%
HSV	142°, 10%, 61%
XYZ	27.8920, 31.4277, 31.7902
YIQ	150.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

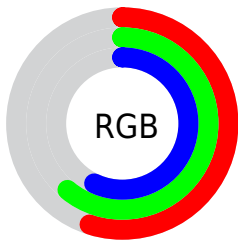
Format	Color
RYB	140, 152, 156
Decimal	9215122
CIELab	62.87, -7.68, 3.30
CIElCh	63, 8.358, 156.766
Yxy	31.4277, 0.3061, 0.3449
Android (android.graphics.Color)	4287405202 (0xFF8C9C92)
YUV	150.0760, -2.0095, -8.8367
Hunter-Lab	56.0604, -9.2958, 5.6207

Details

The XYZ color **27.8920, 31.4277, 31.7902** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5946, 28.0269, 32.7583**, and the grayscale version is **29.0326, 30.5445, 33.2630**.

A 20% lighter version of the original color is **55.7201, 61.7327, 63.6224**, and **11.3793, 13.1213, 12.9992** is the 20% darker color. If you saturate the color by 10%, you get **24.7210, 29.8778, 27.8499**, and if you desaturate by 10%, it is **31.5022, 33.1983, 36.0902**.

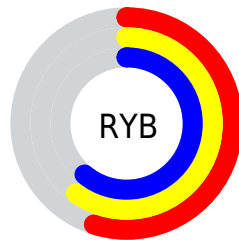
Distribution



Red (55%)

Green (61%)

Blue (57%)



Red (55%)

Yellow (60%)

Blue (61%)

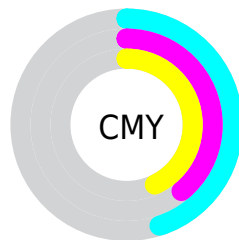


Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (39%)



Cyan (45%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8920, 31.4277, 31.7902 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 27.8920, 31.4277, 31.7902 by changing the saturation by 10% instead.

■ 27.8920, 31.4277,
31.7902

■ 27.8920, 31.4277,
31.7902

284.0399,
308.5039, 324.6257

■ 18.3843, 20.9247,
20.9378

■ 55.7218, 61.9128,
63.5761

■ 11.3276, 13.0690,
12.8878

■ 74.7746, 82.6638,
85.3467

■ 6.3565, 7.4761,
7.2215

■ 97.7399, 107.5995,
111.5939

■ 3.1058, 3.7616,
3.5205

124.9829,
137.1045, 142.7360

■ 1.2099, 1.5411,
1.3661

156.8691,
171.5630, 179.1917

■ 0.1142, 0.3174,
0.1151

193.7637,

■ 0.0000, 0.0000,

211.3594, 221.3795

0.0000

236.0322,
256.8783, 269.7180

■ 27.8920, 31.4277,
31.7902

■ 27.8920, 31.4277,
31.7902

■ 24.7210, 29.8778,
27.8499

■ 31.5022, 33.1983,
36.0902

■ 21.9694, 28.5360,
24.2579

■ 35.5651, 35.1937,
40.7566

■ 19.6196, 27.3942,
21.0055

■ 40.0971, 37.4232,
45.7987

■ 17.6519, 26.4424,
18.0825

■ 45.1128, 39.8939,
51.2247

■ 16.0448, 25.6699,
15.4785

■ 50.6262, 42.6131,
57.0426

■ 14.7744, 25.0645,
13.1823

■ 56.6508, 45.5875,
63.2602

■ 13.8140, 24.6127,
11.1822

■ 63.1994, 48.8236,
69.8849

■ 13.1325, 24.2986,
9.4655

■ 66.5850, 50.4205,
76.7510

■ 12.6654, 24.0886,
8.0510

■ 67.9461, 50.9649,
83.9184

Harmonies

Analogous

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



28.5717, 31.4277, 29.4096



27.8920, 31.4277, 31.7902



27.7363, 31.4277, 34.9682

Triad

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



27.8920, 31.4277, 31.7902



30.1314, 31.4277, 40.8753



31.6710, 31.4277, 30.5800

Complementary

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



27.8920, 31.4277, 31.7902



28.5946, 28.0269, 32.7583

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.



32.1127, 31.4277, 33.4814



27.8920, 31.4277, 31.7902



31.2093, 31.4277, 39.5270

Square

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



27.8920, 31.4277, 31.7902



29.0104, 31.4277, 40.3510



31.9416, 31.4277, 36.7693



30.7487, 31.4277, 28.7428

Rectangle

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



27.8920, 31.4277, 31.7902



27.9469, 31.4277, 37.1403



31.9416, 31.4277, 36.7693



31.8817, 31.4277, 31.4558

Sweetspot

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



27.8929, 31.4290, 31.7909



55.2957, 59.3535, 63.2926



29.2255, 32.1685, 29.4802



12.0534, 13.0044, 13.7923



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.



27.8929, 31.4290, 31.7909



49.4563, 56.4926, 56.2703



28.5264, 31.6824, 35.1269



6.6485, 7.4401, 7.5835



10.4476, 19.8470, 6.7141



0.2065, 0.3628, 0.2239

Inverse Universe

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



28.5946, 28.0269, 32.7583



50.9565, 49.2185, 58.3384



27.9819, 27.7818, 29.5319



6.7986, 6.7124, 7.7905



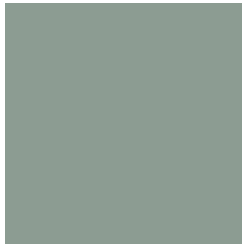
13.1071, 6.5474, 10.0811



0.2543, 0.1251, 0.2854

Previews

White Background



This preview shows how the XYZ color 27.8920, 31.4277, 31.7902 looks on a white background.

Color Contrast Check

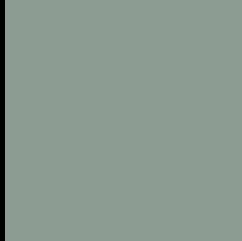
Large Text (above 18pt) WCAG AA × Fail

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 27.8920, 31.4277, 31.7902 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

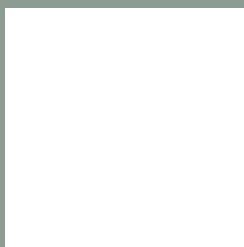
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8920, 31.4277, 31.7902

Background



This preview shows how black text looks on a background with the XYZ color 27.8920, 31.4277, 31.7902.



This preview shows how white text looks on a background with the XYZ color 27.8920, 31.4277,

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

27.8920, 31.4277, 31.7902

Protanopia

29.9292, 31.2845, 30.4477

Deuteranopia

31.9275, 31.3304, 32.3816



Tritanopia

29.5105, 31.3387, 40.0909

Trichromacy



Original Color

27.8920, 31.4277, 31.7902

Protanomaly

29.1878, 31.3754, 30.9033

Deuteranomaly

30.2734, 31.1884, 32.0281

Tritanomaly

28.8825, 31.3306, 36.8729

Monochromacy



Original Color

27.8920, 31.4277, 31.7902

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.5071, 30.7374, 32.8642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8920, 31.4277, 31.7902 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(140, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 146)  
}
```

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(140, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.8920, 31.4277, 31.7902 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(140, 156, 146) }
```


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

```
.border{ border-color:rgb(140, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 156, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 156, 146); box-shadow:4px 4px 4px 4px rgb(140, 156, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8920, 31.4277, 31.7902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 146) }
```

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

```
.background{ background-color: rgb(140,  
156, 146) }
```

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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