

Converting Colors

XYZ(26.7394, 26.8753, 31.7543)

Have a look what the booklet for
XYZ(26.7394, 26.8753, 31.7543)
contains.

XYZ(26.7907, 26.8993, 31.7970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.7907, 26.8993,
31.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	948B94
RGB	148, 139, 148
RGB Percent	58%, 55%, 58%
CMY	0.4196, 0.4549, 0.4196
CMYK	0.00, 0.06, 0.00, 0.42
HSL	300°, 4%, 56%
HSV	300°, 6%, 58%
XYZ	26.7907, 26.8993, 31.7970
YIQ	142.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

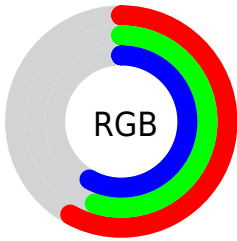
Format	Color
RYB	148, 139, 148
Decimal	9735060
CIELab	58.88, 5.07, -3.58
CIElCh	59, 6.209, 324.733
Yxy	26.8993, 0.3134, 0.3147
Android (android.graphics.Color)	4287925140 (0xFF948B94)
YUV	142.7170, 2.6045, 4.6332
Hunter-Lab	51.8645, 1.4415, -0.0442

Details

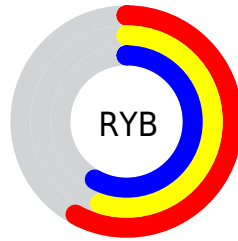
The XYZ color **26.7907, 26.8993, 31.7970** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8987, 28.5337, 28.5702**, and the grayscale version is **25.9856, 27.3389, 29.7720**.

A 20% lighter version of the original color is **53.8674, 54.5201, 63.5614**, and **10.6598, 10.5492, 12.7836** is the 20% darker color. If you saturate the color by 10%, you get **24.7915, 22.9005, 31.1307**, and if you desaturate by 10%, it is **29.0816, 31.4807, 32.5612**.

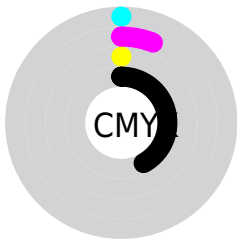
Distribution



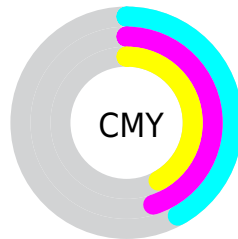
- Red (58%)
- Green (55%)
- Blue (58%)



- Red (58%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7907, 26.8993, 31.7970 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 26.7907, 26.8993, 31.7970 by changing the saturation by 10% instead.

■ 26.7907, 26.8993,
31.7970

■ 26.7907, 26.8993,
31.7970

278.8284,
287.1692, 324.6577

■ 17.5519, 17.4976,
20.9430

■ 53.9701, 54.7222,
63.5869

■ 10.7265, 10.5899,
12.8915

■ 72.6414, 73.9123,
85.3599

■ 5.9491, 5.7918,
7.2240

■ 95.1875, 97.1339,
111.6096

■ 2.8545, 2.7189,
3.5220

121.9738,
124.7714, 142.7545

■ 1.0773, 0.9868,
1.3670

153.3657,
157.2094, 179.2132

■ 0.0060, 0.0000,
0.1158

189.7285,

■ 0.0000, 0.0000,

194.8320, 221.4043

0.0000

231.4276,
238.0239, 269.7463

■ 26.7907, 26.8993,
31.7970

■ 26.7907, 26.8993,
31.7970

■ 24.7915, 22.9005,
31.1307

■ 29.0816, 31.4807,
32.5612

■ 23.0700, 19.4577,
30.5567

■ 31.6728, 36.6630,
33.4251

■ 21.6148, 16.5472,
30.0714

■ 34.5754, 42.4681,
34.3928

■ 20.4124, 14.1426,
29.6704

■ 37.7993, 48.9158,
35.4677

■ 19.4486, 12.2150,
29.3489

■ 41.3539, 56.0249,
36.6527

■ 18.7074, 10.7327,
29.1016

■ 45.2482, 63.8135,
37.9511

■ 18.1710, 9.6599,
28.9226

■ 49.4910, 72.2990,
39.3655

■ 17.8189, 8.9559,
28.8051

■ 53.3187, 79.9543,
40.6416

■ 17.6209, 8.5600,
28.7389

■ 53.3187, 79.9543,
40.6418

Harmonies

Analogous

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



26.1893, 26.8993, 33.2969



26.7907, 26.8993, 31.7970



27.0646, 26.8993, 29.6784

Triad

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



26.7907, 26.8993, 31.7970



25.7027, 26.8993, 25.2792



24.2501, 26.8993, 31.0926

Complementary

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



26.7907, 26.8993, 31.7970



25.8987, 28.5337, 28.5702

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.



24.1257, 26.8993, 28.9026



26.7907, 26.8993, 31.7970



24.9546, 26.8993, 25.6159

Square

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



26.7907, 26.8993, 31.7970



26.4284, 26.8993, 25.9723



24.3811, 26.8993, 26.9160



24.7245, 26.8993, 32.8762

Rectangle

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



26.7907, 26.8993, 31.7970



27.0207, 26.8993, 28.2272



24.3811, 26.8993, 26.9160



24.1664, 26.8993, 30.3766

Sweetspot

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



26.7915, 26.9005, 31.7976



48.8409, 50.6027, 56.6276



25.2266, 26.0937, 31.7245



11.1609, 11.5747, 12.9307



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.7915, 26.9005, 31.7976



46.8733, 46.6675, 55.9715



26.4422, 26.7607, 29.9583



6.1237, 6.0860, 7.3217



14.9971, 7.2039, 24.5292



0.1836, 0.0882, 0.3002

Inverse Universe

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



26.7915, 26.9005, 31.7976



46.8733, 46.6675, 55.9715



26.2343, 28.6679, 30.3374



6.1237, 6.0860, 7.3217



14.9971, 7.2039, 24.5292



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 26.7907, 26.8993, 31.7970 looks on a white background.

Color Contrast Check

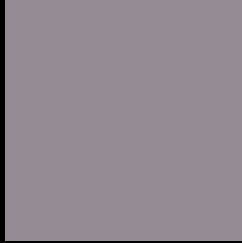
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7907, 26.8993, 31.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

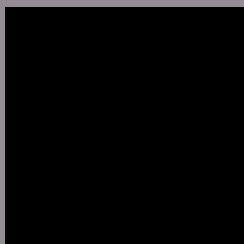
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7907, 26.8993, 31.7970

Background



This preview shows how black text looks on a background with the XYZ color 26.7907, 26.8993, 31.7970.



This preview shows how white text looks on a background with the XYZ color 26.7907, 26.8993,

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

26.7907, 26.8993, 31.7970

Protanopia

26.1050, 26.9705, 32.2637

Deuteranopia

27.2399, 26.7048, 31.7358



Tritanopia

26.9504, 26.9631, 32.6381

Trichromacy



Original Color

26.7907, 26.8993, 31.7970

Protanomaly

26.3045, 26.8554, 32.2310

Deuteranomaly

27.1963, 26.8944, 31.7747

Tritanomaly

26.8702, 26.9311, 32.2158

Monochromacy



Original Color

26.7907, 26.8993, 31.7970

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4609, 27.4101, 30.6841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7907, 26.8993, 31.7970 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(148, 139, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 139, 148)  
}
```

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(148, 139, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 139, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.7907, 26.8993, 31.7970 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(148, 139, 148) }
```


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

```
.border{ border-color:rgb(148, 139, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 139, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 139, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 139, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 139,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7907, 26.8993, 31.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 139, 148) }
```

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

```
.background{ background-color: rgb(148,  
139, 148) }
```

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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