

Converting Colors

XYZ(26.5774, 27.0053, 31.8287)

Have a look what the booklet for
XYZ(26.5774, 27.0053, 31.8287)
contains.

XYZ(26.5774, 27.0053, 31.8287)	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(26.5774, 27.0053,
31.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	928C94
RGB	146, 140, 148
RGB Percent	57%, 55%, 58%
CMY	0.4274, 0.4510, 0.4196
CMYK	0.01, 0.05, 0.00, 0.42
HSL	285°, 4%, 56%
HSV	285°, 5%, 58%
XYZ	26.5774, 27.0053, 31.8287
YIQ	142.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

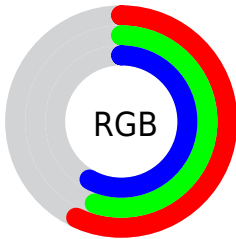
Format	Color
RYB	146, 140, 148
Decimal	9604244
CIELab	58.98, 3.77, -3.46
CIELCh	59, 5.120, 317.486
Yxy	27.0053, 0.3112, 0.3162
Android (android.graphics.Color)	4287794324 (0xFF928C94)
YUV	142.7060, 2.6099, 2.8888
Hunter-Lab	51.9666, 0.3490, 0.0625

Details

The XYZ color **26.5774, 27.0053, 31.8287** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4799, 28.8248, 28.9805**, and the grayscale version is **25.9816, 27.3346, 29.7674**.

A 20% lighter version of the original color is **53.7719, 55.1272, 63.6836**, and **10.6377, 10.6622, 12.8066** is the 20% darker color. If you saturate the color by 10%, you get **23.9115, 22.6343, 31.1259**, and if you desaturate by 10%, it is **29.5571, 31.9714, 32.6306**.

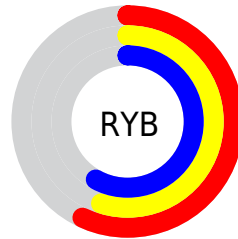
Distribution



Red (57%)

Green (55%)

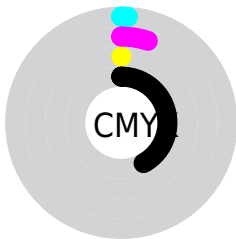
Blue (58%)



Red (57%)

Yellow (55%)

Blue (58%)

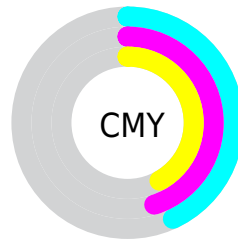


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5774, 27.0053, 31.8287 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 26.5774, 27.0053, 31.8287 by changing the saturation by 10% instead.

■ 26.5774, 27.0053,
31.8287

■ 26.5774, 27.0053,
31.8287

277.8101,
287.6828, 324.8068

■ 17.3910, 17.5772,
20.9670

■ 53.6297, 54.8924,
63.6372

■ 10.6107, 10.6469,
12.9088

■ 72.2263, 74.1201,
85.4211

■ 5.8711, 5.8299,
7.2358

■ 94.6904, 97.3832,
111.6828

■ 2.8068, 2.7419,
3.5293

121.3873,
125.0661, 142.8408

■ 1.0524, 0.9985,
1.3709

152.6823,
157.5531, 179.3136

■ 0.0000, 0.0000,
0.1188

188.9409,

■ 0.0000, 0.0000,

195.2286, 221.5199

0.0000

230.5284,
238.4770, 269.8781

■ 26.5774, 27.0053,
31.8287

■ 26.5774, 27.0053,
31.8287

■ 23.9115, 22.6343,
31.1259

■ 29.5571, 31.9714,
32.6306

■ 21.5453, 18.8317,
30.5167

■ 32.8592, 37.5510,
33.5335

■ 19.4670, 15.5740,
29.9974

■ 36.4952, 43.7660,
34.5415

■ 17.6634, 12.8346,
29.5637

■ 40.4749, 50.6360,
35.6578

■ 16.1197, 10.5849,
29.2108

■ 44.8081, 58.1802,
36.8856

■ 14.8200, 8.7931,
28.9335

■ 49.5039, 66.4165,
38.2279

■ 13.7466, 7.4239,
28.7258

■ 54.5712, 75.3624,
39.6875

■ 12.8788, 6.4365,
28.5809

■ 58.9227, 82.8433,
40.9022

■ 12.1889, 5.7757,
28.4897

■ 59.7689, 83.2795,
40.9417

Harmonies

Analogous

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



26.0360, 27.0053, 32.8636



26.5774, 27.0053, 31.8287



26.8771, 27.0053, 30.1677

Triad

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



26.5774, 27.0053, 31.8287



25.9329, 27.0053, 26.1239



24.5218, 27.0053, 30.4664

Complementary

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



26.5774, 27.0053, 31.8287



26.4799, 28.8248, 28.9805

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.



24.4952, 27.0053, 28.6537



26.5774, 27.0053, 31.8287



25.3030, 27.0053, 26.1964

Square

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



26.5774, 27.0053, 31.8287



26.5009, 27.0053, 26.9036



24.7791, 27.0053, 27.1060



24.8522, 27.0053, 32.0551

Rectangle

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



26.5774, 27.0053, 31.8287



26.8962, 27.0053, 28.9514



24.7791, 27.0053, 27.1060



24.4772, 27.0053, 29.8617

Sweetspot

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



26.5782, 27.0065, 31.8293



48.6007, 50.4788, 56.6164



25.8545, 27.1005, 31.8856



11.1095, 11.5482, 12.9283



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.



26.5782, 27.0065, 31.8293



46.5402, 47.0640, 56.0659



26.7903, 27.1328, 31.0743



6.0702, 6.1252, 7.3321



10.1891, 4.7252, 24.3061



0.1516, 0.0717, 0.2988

Inverse Universe

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



26.4743, 27.0064, 29.4101



46.3350, 47.0647, 51.2486



26.2786, 28.7049, 29.6955



6.0421, 6.1253, 6.6695



10.7268, 5.4958, 2.0423



0.1417, 0.0714, 0.0796

Previews

White Background



This preview shows how the XYZ color 26.5774, 27.0053, 31.8287 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 26.5774, 27.0053, 31.8287 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

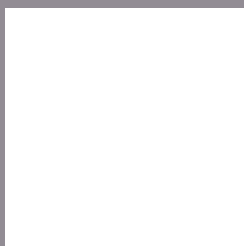
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5774, 27.0053, 31.8287

Background



This preview shows how black text looks on a background with the XYZ color 26.5774, 27.0053, 31.8287.



This preview shows how white text looks on a background with the XYZ color 26.5774, 27.0053,

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

26.5774, 27.0053, 31.8287

Protanopia

26.1050, 26.9705, 32.2637

Deuteranopia

27.5706, 27.0874, 31.7922



Tritanopia

26.8181, 27.1015, 33.0958

Trichromacy



Original Color

26.5774, 27.0053, 31.8287

Protanomaly

26.2774, 27.0593, 32.2718

Deuteranomaly

27.1556, 27.0874, 31.8141

Tritanomaly

26.7372, 27.0692, 32.6698

Monochromacy



Original Color

26.5774, 27.0053, 31.8287

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2854, 27.3196, 30.6759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5774, 27.0053, 31.8287 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, 140, 148)` looks like.

```
.text, #text, p{  
    color:rgb(146, 140, 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(146, 140, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 140, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.5774, 27.0053, 31.8287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

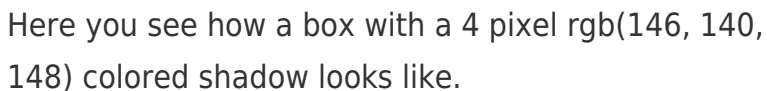
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 140, 148) }
```


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

```
.border{ border-color:rgb(146, 140, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 140, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 140, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 140, 148); box-shadow:4px 4px 4px 4px rgb(146, 140, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5774, 27.0053, 31.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 140, 148) }
```

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

```
.background{ background-color: rgb(146,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor