

Converting Colors

XYZ(27.3515, 31.2611, 18.2155)

Have a look what the booklet for
XYZ(27.3515, 31.2611, 18.2155)
contains.

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Color

**XYZ(27.2718, 31.1587,
18.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	989B6A
RGB	152, 155, 106
RGB Percent	60%, 61%, 42%
CMY	0.4039, 0.3921, 0.5843
CMYK	0.02, 0.00, 0.32, 0.39
HSL	64°, 20%, 51%
HSV	64°, 32%, 61%
XYZ	27.2718, 31.1587, 18.2125
YIQ	148.5170, 13.9410, -15.8750

Conversions

Conversions Part 2

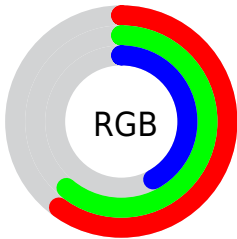
Format	Color
RYB	106, 155, 109
Decimal	10001258
CIELab	62.64, -9.19, 25.39
CIELCh	63, 27.004, 109.893
Yxy	31.1587, 0.3558, 0.4065
Android (android.graphics.Color)	4288191338 (0xFF989B6A)
YUV	148.5170, -20.9609, 3.0546
Hunter-Lab	55.8200, -10.4758, 19.7293

Details

The XYZ color **27.2718, 31.1587, 18.2125** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3782, 15.9266, 33.1703**, and the grayscale version is **28.4460, 29.9274, 32.5909**.

A 20% lighter version of the original color is **54.7041, 61.3349, 41.3034**, and **10.9696, 12.9154, 5.9178** is the 20% darker color. If you saturate the color by 10%, you get **26.3607, 30.7749, 14.3359**, and if you desaturate by 10%, it is **28.3316, 31.6043, 22.8580**.

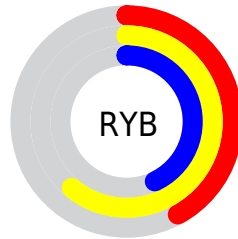
Distribution



Red (60%)

Green (61%)

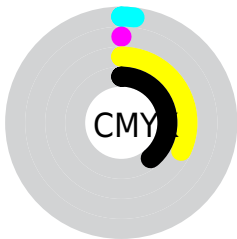
Blue (42%)



Red (42%)

Yellow (61%)

Blue (43%)

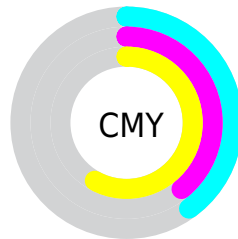


Cyan (2%)

Magenta (0%)

Yellow (32%)

Black (39%)



Cyan (40%)

Magenta (39%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2718, 31.1587, 18.2125 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 27.2718, 31.1587, 18.2125 by changing the saturation by 10% instead.

■ 27.2718, 31.1587,
18.2125

■ 27.2718, 31.1587,
18.2125

281.1143,
307.2688, 254.3423

■ 17.9151, 20.7197,
10.9316

■ 54.7365, 61.4898,
41.2179

■ 10.9884, 12.9193,
5.9073

■ 73.5753, 82.1508,
57.7795

■ 6.1263, 7.3730,
2.7209

■ 96.3054, 106.9879,
78.2718

■ 2.9634, 3.6964,
0.9539

■ 123.2923,
136.3855, 103.1133

■ 1.1344, 1.5052,
0.0000

154.9012,
170.7279, 132.7226

■ 0.0536, 0.2924,
0.0000

191.4977,

■ 0.0000, 0.0000,

210.3997, 167.5182

0.0000

233.4469,
255.7852, 207.9185

■ 27.2718, 31.1587,
18.2125

■ 27.2718, 31.1587,
18.2125

■ 26.3607, 30.7749,
14.3359

■ 28.3316, 31.6043,
22.8580

■ 25.5882, 30.4456,
11.1847

■ 29.5450, 32.1105,
28.3085

■ 24.9463, 30.1687,
8.7144

■ 30.9197, 32.6813,
34.6006

■ 24.4256, 29.9405,
6.8746

■ 32.4619, 33.3193,
41.7676

■ 24.0152, 29.7565,
5.6080

■ 34.1778, 34.0270,
49.8415

■ 23.7021, 29.6116,
4.8471

■ 36.0730, 34.8065,
58.8523

■ 23.4880, 29.5096,
4.4580

■ 38.1531, 35.6601,
68.8287

■ 40.4231, 36.5900,
79.7984

■ 42.8883, 37.5980,
91.7877

Harmonies

Analogous

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



30.8749, 31.1587, 17.6278



27.2718, 31.1587, 18.2125



24.5252, 31.1587, 22.4718

Triad

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



27.2718, 31.1587, 18.2125



25.2857, 31.1587, 51.9116



37.1441, 31.1587, 37.6096

Complementary

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



27.2718, 31.1587, 18.2125



17.3782, 15.9266, 33.1703

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.



35.3653, 31.1587, 48.7322



27.2718, 31.1587, 18.2125



28.3906, 31.1587, 58.0507

Square

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



27.2718, 31.1587, 18.2125



23.4460, 31.1587, 41.3017



32.0896, 31.1587, 56.7798



36.7819, 31.1587, 27.4862

Rectangle

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



27.2718, 31.1587, 18.2125



23.4538, 31.1587, 27.4242



32.0896, 31.1587, 56.7798



36.7714, 31.1587, 41.3830

Sweetspot

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



27.2726, 31.1601, 18.2132



53.4822, 57.7417, 53.3007



21.5302, 18.8302, 16.1359



12.0321, 13.0390, 11.7305



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.



27.2726, 31.1601, 18.2132



47.6496, 55.2992, 27.5306



23.2336, 29.0779, 18.0241



6.6715, 7.2036, 6.6447



18.8763, 23.7070, 3.5810



0.2919, 0.3594, 0.0540

Inverse Universe

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



17.3782, 15.9266, 33.1703



27.0598, 23.5935, 58.6641



20.7363, 17.6578, 33.3275



5.9178, 6.0435, 7.7836



4.8597, 1.9563, 25.0292



0.0808, 0.0335, 0.3746

Previews

White Background



This preview shows how the XYZ color 27.2718, 31.1587, 18.2125 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 27.2718, 31.1587, 18.2125 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

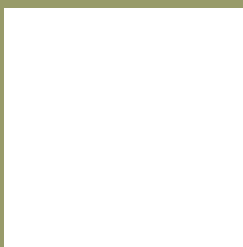
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2718, 31.1587, 18.2125

Background



This preview shows how black text looks on a background with the XYZ color 27.2718, 31.1587, 18.2125.



This preview shows how white text looks on a background with the XYZ color 27.2718, 31.1587,

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

27.2718, 31.1587, 18.2125

Protanopia

28.8751, 31.0252, 17.5633

Deuteranopia

31.6546, 31.0368, 18.5097



Tritanopia

31.2331, 31.0888, 37.6123

Trichromacy



Original Color

27.2718, 31.1587, 18.2125

Protanomaly

28.2752, 30.9500, 17.8483

Deuteranomaly

29.9789, 31.1025, 18.3332

Tritanomaly

29.5105, 31.0946, 29.2574

Monochromacy



Original Color

27.2718, 31.1587, 18.2125

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8779, 30.3107, 26.5715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2718, 31.1587, 18.2125 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(152, 155, 106)` looks like.

```
.text, #text, p{  
    color:rgb(152, 155, 106)  
}
```

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(152, 155, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 155, 106) }
```

Border

The CSS property to change the border of an element to XYZ 27.2718, 31.1587, 18.2125 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(152, 155, 106) }
```


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

```
.border{ border-color:rgb(152, 155, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 155, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 155, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 155, 106);  
box-shadow:4px 4px 4px 4px rgb(152, 155,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2718, 31.1587, 18.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 155, 106) }
```

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

```
.background{ background-color: rgb(152,  
155, 106) }
```

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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