

Converting Colors

XYZ(27.0470, 31.3771, 23.6012)

Have a look what the booklet for
XYZ(27.0470, 31.3771, 23.6012)
contains.

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Color

**XYZ(27.0228, 31.4088,
23.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9D7C
RGB	143, 157, 124
RGB Percent	56%, 62%, 49%
CMY	0.4392, 0.3843, 0.5137
CMYK	0.09, 0.00, 0.21, 0.38
HSL	85°, 14%, 55%
HSV	85°, 21%, 62%
XYZ	27.0228, 31.4088, 23.7070
YIQ	149.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

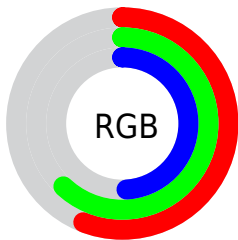
Format	Color
RYB	124, 157, 138
Decimal	9411964
CIELab	62.85, -11.10, 15.63
CIElCh	63, 19.171, 125.378
Yxy	31.4088, 0.3290, 0.3824
Android (android.graphics.Color)	4287602044 (0xFF8F9D7C)
YUV	149.0520, -12.3506, -5.3076
Hunter-Lab	56.0436, -12.0080, 14.1502

Details

The XYZ color **27.0228, 31.4088, 23.7070** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.7758, 22.2537, 34.9422**, and the grayscale version is **28.6393, 30.1308, 32.8124**.

A 20% lighter version of the original color is **54.5053, 62.1316, 50.7148**, and **10.8377, 13.0914, 8.6123** is the 20% darker color. If you saturate the color by 10%, you get **24.9890, 30.4670, 18.8351**, and if you desaturate by 10%, it is **29.2849, 32.4519, 29.4161**.

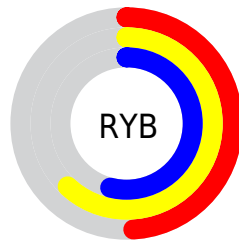
Distribution



Red (56%)

Green (62%)

Blue (49%)



Red (49%)

Yellow (62%)

Blue (54%)

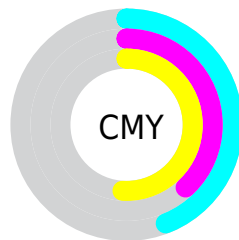


Cyan (9%)

Magenta (0%)

Yellow (21%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0228, 31.4088, 23.7070 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 27.0228, 31.4088, 23.7070 by changing the saturation by 10% instead.

■ 27.0228, 31.4088,
23.7070

■ 27.0228, 31.4088,
23.7070

279.9330,
308.4173, 284.5745

■ 17.7270, 20.9103,
14.9062

■ 54.3401, 61.8831,
50.4895

■ 10.8527, 13.0585,
8.6077

■ 73.0923, 82.6278,
69.3082

■ 6.0344, 7.4688,
4.3929

■ 95.7274, 107.5566,
92.3034

■ 2.9069, 3.7570,
1.8433

122.6107,
137.0540, 119.8936

■ 1.1047, 1.5386,
0.4563

154.1075,
171.5044, 152.4972

■ 0.0291, 0.3156,
0.0000

190.5833,

■ 0.0000, 0.0000,

211.2921, 190.5329

0.0000

232.4033,
256.8016, 234.4191

■ 27.0228, 31.4088,
23.7070

■ 27.0228, 31.4088,
23.7070

■ 24.9890, 30.4670,
18.8351

■ 29.2849, 32.4519,
29.4161

■ 23.1723, 29.6188,
14.7591

■ 31.7809, 33.5956,
35.9972

■ 21.5644, 28.8618,
11.4370

■ 34.5193, 34.8444,
43.4855

■ 20.1550, 28.1916,
8.8224

■ 37.5075, 36.2013,
51.9138

■ 18.9332, 27.6039,
6.8635

■ 40.7523, 37.6694,
61.3130

■ 17.8866, 27.0933,
5.5017

■ 44.2605, 39.2514,
71.7128

■ 17.0005, 26.6541,
4.6677

■ 48.0384, 40.9499,
83.1417

■ 16.3119, 26.3084,
4.2183

■ 52.0922, 42.7676,
95.6268

■ 54.7238, 44.0253,
100.2212

Harmonies

Analogous

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



29.3821, 31.4088, 21.7225



27.0228, 31.4088, 23.7070



25.4922, 31.4088, 28.5185

Triad

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



27.0228, 31.4088, 23.7070



27.7975, 31.4088, 49.1092



35.1703, 31.4088, 32.8606

Complementary

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



27.0228, 31.4088, 23.7070



23.7758, 22.2537, 34.9422

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.



34.6850, 31.4088, 40.5874



27.0228, 31.4088, 23.7070



30.3291, 31.4088, 50.7197

Square

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



27.0228, 31.4088, 23.7070



25.9208, 31.4088, 43.2777



32.8745, 31.4088, 47.4032



34.1643, 31.4088, 26.4877

Rectangle

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



27.0228, 31.4088, 23.7070



25.0956, 31.4088, 33.0463



32.8745, 31.4088, 47.4032



35.1768, 31.4088, 35.3778

Sweetspot

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



27.0236, 31.4102, 23.7077



54.5826, 59.0966, 58.2598



26.5965, 26.7297, 22.8268



11.9529, 12.9774, 12.6680



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.



27.0236, 31.4102, 23.7077



46.7195, 55.4748, 38.3823



24.4112, 30.0634, 23.5854



6.8980, 7.5801, 7.0852



13.2905, 21.3883, 3.4279



0.2854, 0.4070, 0.0635

Inverse Universe

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



23.7758, 22.2537, 34.9422



39.8885, 36.2143, 62.0144



26.6686, 23.7450, 35.0776



6.5382, 6.5659, 8.3294



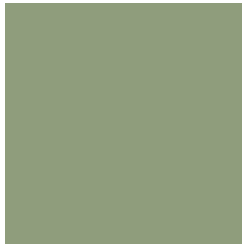
6.8420, 2.9562, 26.1172



0.1696, 0.0772, 0.4692

Previews

White Background



This preview shows how the XYZ color 27.0228, 31.4088, 23.7070 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 27.0228, 31.4088, 23.7070 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

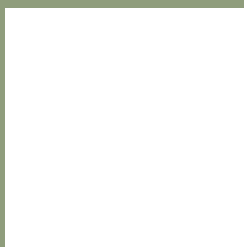
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0228, 31.4088, 23.7070

Background



This preview shows how black text looks on a background with the XYZ color 27.0228, 31.4088, 23.7070.



This preview shows how white text looks on a background with the XYZ color 27.0228, 31.4088,

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

27.0228, 31.4088, 23.7070

Protanopia

29.3774, 31.4140, 22.6043

Deuteranopia

31.7240, 31.1781, 24.0846



Tritanopia

30.3235, 31.5264, 39.6089

Trichromacy



Original Color

27.0228, 31.4088, 23.7070

Protanomaly

28.3949, 31.3864, 22.9740

Deuteranomaly

29.7123, 31.0799, 23.8351

Tritanomaly

29.0130, 31.4842, 32.9817

Monochromacy



Original Color

27.0228, 31.4088, 23.7070

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9945, 30.5530, 29.2328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0228, 31.4088, 23.7070 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(143, 157, 124)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 124)  
}
```

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(143, 157, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.0228, 31.4088, 23.7070 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(143, 157, 124) }
```


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

```
.border{ border-color:rgb(143, 157, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 124);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0228, 31.4088, 23.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 124) }
```

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

```
.background{ background-color: rgb(143,  
157, 124) }
```

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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