

Converting Colors

XYZ(27.5103, 30.7916, 18.1291)

Have a look what the booklet for
XYZ(27.5103, 30.7916, 18.1291)
contains.

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Color

**XYZ(27.5103, 30.7916,
18.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	9B996A
RGB	155, 153, 106
RGB Percent	61%, 60%, 42%
CMY	0.3922, 0.4000, 0.5843
CMYK	0.00, 0.01, 0.32, 0.39
HSL	58°, 20%, 51%
HSV	58°, 32%, 61%
XYZ	27.5103, 30.7916, 18.1291
YIQ	148.2400, 16.2790, -14.1930

Conversions

Conversions Part 2

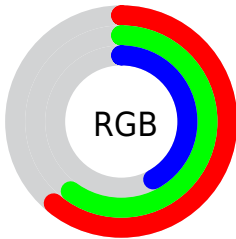
Format	Color
RYB	108, 155, 106
Decimal	10197354
CIELab	62.33, -6.89, 25.03
CIELCh	62, 25.958, 105.400
Yxy	30.7916, 0.3599, 0.4029
Android (android.graphics.Color)	4288387434 (0xFF9B996A)
YUV	148.2400, -20.8243, 5.9285
Hunter-Lab	55.4902, -8.6131, 19.4726

Details

The XYZ color **27.5103, 30.7916, 18.1291** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2228, 16.1555, 33.2210**, and the grayscale version is **28.3286, 29.8039, 32.4565**.

A 20% lighter version of the original color is **55.0627, 60.7959, 41.1804**, and **11.1086, 12.6918, 5.8673** is the 20% darker color. If you saturate the color by 10%, you get **26.6733, 30.2929, 14.2265**, and if you desaturate by 10%, it is **28.4951, 31.3524, 22.8006**.

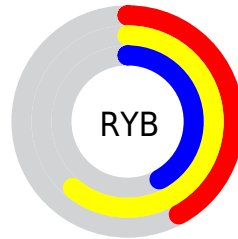
Distribution



Red (61%)

Green (60%)

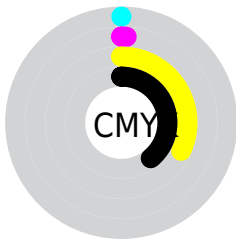
Blue (42%)



Red (42%)

Yellow (61%)

Blue (42%)

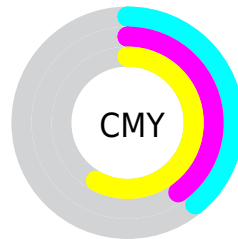


Cyan (0%)

Magenta (1%)

Yellow (32%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5103, 30.7916, 18.1291 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 27.5103, 30.7916, 18.1291 by changing the saturation by 10% instead.

■ 27.5103, 30.7916,
18.1291

■ 27.5103, 30.7916,
18.1291

282.2422,
305.5771, 253.8582

■ 18.0954, 20.4402,
10.8723

■ 55.1158, 60.9118,
41.0741

■ 11.1186, 12.7154,
5.8679

■ 74.0371, 81.4494,
57.5994

■ 6.2146, 7.2329,
2.6975

■ 96.8579, 106.1512,
78.0512

■ 3.0179, 3.6082,
0.9422

■ 123.9436,
135.4016, 102.8482

■ 1.1632, 1.4569,
0.0000

155.6595,
169.5850, 132.4089

■ 0.0770, 0.2581,
0.0000

192.3710,

■ 0.0000, 0.0000,

209.0858, 167.1517

0.0000

234.4435,
254.2884, 207.4953

■ 27.5103, 30.7916,
18.1291

■ 27.5103, 30.7916,
18.1291

■ 26.6733, 30.2929,
14.2265

■ 28.4951, 31.3524,
22.8006

■ 25.9739, 29.8491,
11.0494

■ 29.6328, 31.9742,
28.2773

■ 25.4044, 29.4581,
8.5532


■ 30.9307, 32.6609,
34.5956


■ 24.9551, 29.1161,
6.6877


■ 32.3953, 33.4152,
41.7889


■ 24.6152, 28.8187,
5.3955


■ 34.0327, 34.2395,
49.8891


 24.3718, 28.5607,
4.6091

 35.8485, 35.1360,
58.9263

 24.2154, 28.3641,
4.1985

 37.8482, 36.1070,
68.9293

 40.0371, 37.1545,
79.9255

 42.4201, 38.2806,
91.9414

Harmonies

Analogous

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



31.0012, 30.7916, 18.0828



27.5103, 30.7916, 18.1291



24.7185, 30.7916, 21.7021

Triad

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



27.5103, 30.7916, 18.1291



24.7780, 30.7916, 49.2616



36.2968, 30.7916, 38.6399

Complementary

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



27.5103, 30.7916, 18.1291



17.2228, 16.1555, 33.2210

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.



34.3407, 30.7916, 49.0155



27.5103, 30.7916, 18.1291



27.5977, 30.7916, 55.9302

Square

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



27.5103, 30.7916, 18.1291



23.2291, 30.7916, 38.9270



31.0959, 30.7916, 55.8320



36.2687, 30.7916, 28.6507

Rectangle

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



27.5103, 30.7916, 18.1291



23.5480, 30.7916, 26.1058



31.0959, 30.7916, 55.8320



35.8431, 30.7916, 42.2356

Sweetspot

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



27.5111, 30.7930, 18.1297



53.6085, 57.5510, 53.2573



21.4027, 18.3693, 16.7313



12.0649, 12.9895, 11.7192



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.



27.5111, 30.7930, 18.1297



48.1737, 54.4979, 27.3484



23.9881, 29.4659, 18.0593



6.6873, 7.1797, 6.6392



19.4568, 22.7961, 3.3746



0.2966, 0.3522, 0.0524

Inverse Universe

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



17.2228, 16.1555, 33.2210



26.7598, 24.0336, 58.7648



19.9803, 17.2681, 33.2904



5.9037, 6.0647, 7.7884



4.8141, 2.0249, 25.0448



0.0767, 0.0397, 0.3760

Previews

White Background



This preview shows how the XYZ color 27.5103, 30.7916, 18.1291 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 27.5103, 30.7916, 18.1291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

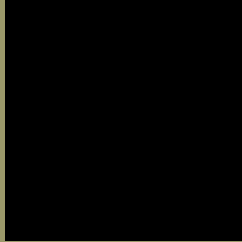
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

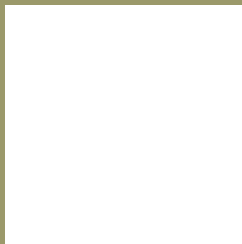
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5103, 30.7916, 18.1291

Background



This preview shows how black text looks on a background with the XYZ color 27.5103, 30.7916, 18.1291.



This preview shows how white text looks on a background with the XYZ color 27.5103, 30.7916,

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

27.5103, 30.7916, 18.1291

Protanopia

28.7207, 30.9397, 17.8228

Deuteranopia

31.2704, 30.6129, 18.4481



Tritanopia

31.1484, 30.6035, 36.6131

Trichromacy



Original Color

27.5103, 30.7916, 18.1291

Protanomaly

28.2752, 30.9500, 17.8483

Deuteranomaly

29.6651, 30.4750, 18.2287

Tritanomaly

29.7057, 30.7299, 28.7919

Monochromacy



Original Color

27.5103, 30.7916, 18.1291

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9025, 30.0855, 26.5268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5103, 30.7916, 18.1291 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(155, 153, 106)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 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(155, 153, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 106) }
```

Border

The CSS property to change the border of an element to XYZ 27.5103, 30.7916, 18.1291 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(155, 153, 106) }
```


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

```
.border{ border-color:rgb(155, 153, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 153, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 153, 106);  
box-shadow:4px 4px 4px 4px rgb(155, 153,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5103, 30.7916, 18.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 106) }
```

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

```
.background{ background-color: rgb(155,  
153, 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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