

Converting Colors

XYZ(27.7959, 27.2287, 30.9833)

Have a look what the booklet for
XYZ(27.7959, 27.2287, 30.9833)
contains.

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Color

**XYZ(27.7944, 27.2208,
30.9834)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8A92
RGB	155, 138, 146
RGB Percent	61%, 54%, 57%
CMY	0.3922, 0.4588, 0.4274
CMYK	0.00, 0.11, 0.06, 0.39
HSL	332°, 8%, 57%
HSV	332°, 11%, 61%
XYZ	27.7944, 27.2208, 30.9834
YIQ	143.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

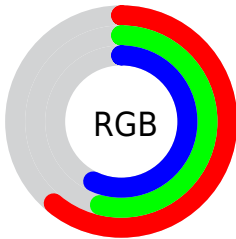
Format	Color
R_{YB}	155, 138, 146
Decimal	10193554
CIE Lab	59.18, 7.83, -1.93
CIE LCh	59, 8.067, 346.150
Yxy	27.2208, 0.3232, 0.3165
Android (android.graphics.Color)	4288383634 (0xFF9B8A92)
YUV	143.9950, 0.9885, 9.6514
Hunter-Lab	52.1736, 3.7885, 1.3120

Details

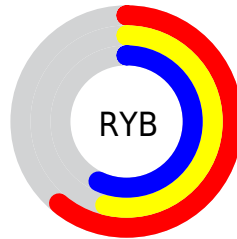
The XYZ color **27.7944, 27.2208, 30.9834** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4701, 30.9534, 32.1320**, and the grayscale version is **26.5019, 27.8820, 30.3635**.

A 20% lighter version of the original color is **55.3506, 54.9870, 62.3399**, and **11.3100, 10.7670, 12.5485** is the 20% darker color. If you saturate the color by 10%, you get **25.1118, 22.8407, 27.0518**, and if you desaturate by 10%, it is **30.8417, 32.2564, 35.2634**.

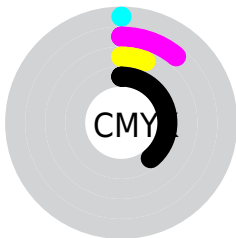
Distribution



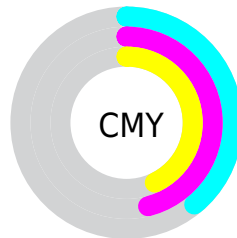
- Red (61%)
- Green (54%)
- Blue (57%)



- Red (61%)
- Yellow (54%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (39%)



- Cyan (39%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7944, 27.2208, 30.9834 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 27.7944, 27.2208, 30.9834 by changing the saturation by 10% instead.

■ 27.7944, 27.2208,
30.9834

■ 27.7944, 27.2208,
30.9834

283.5811,
288.7246, 320.8107

■ 18.3104, 17.7391,
20.3278

■ 55.5670, 55.2380,
62.2932

■ 11.2741, 10.7629,
12.4471

■ 74.5862, 74.5423,
83.7845

■ 6.3202, 5.9076,
6.9227

■ 97.5146, 97.8895,
109.7249

■ 3.0832, 2.7890,
3.3361

124.7175,
125.6642, 140.5328

■ 1.1979, 1.0226,
1.2687

156.5603,
158.2506, 176.6268

■ 0.1047, 0.0000,
0.0359

193.4082,

■ 0.0000, 0.0000,

196.0333, 218.4254

0.0000

235.6267,
239.3965, 266.3472

■ 27.7944, 27.2208,
30.9834

■ 27.7944, 27.2208,
30.9834

■ 25.1118, 22.8407,
27.0518

■ 30.8417, 32.2564,
35.2634

■ 22.7774, 19.0854,
23.4573

■ 34.2651, 37.9694,
39.8992

■ 20.7766, 15.9270,
20.1906

■ 38.0779, 44.3853,
44.9000

■ 19.0928, 13.3341,
17.2412

■ 42.2925, 51.5269,
50.2742

■ 17.7082, 11.2725,
14.5978

■ 46.9204, 59.4161,
56.0299

■ 16.6027, 9.7042,
12.2483

■ 51.9728, 68.0740,
62.1749

■ 15.7540, 8.5860,
10.1796

■ 57.4605, 77.5208,
68.7167

■ 15.1356, 7.8671,
8.3770

■ 61.1184, 83.2249,
74.9043

■ 14.7181, 7.4488,
6.9532

■ 62.1783, 83.6489,
80.4855

Harmonies

Analogous

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



27.2912, 27.2208, 33.6403



27.7944, 27.2208, 30.9834



27.7733, 27.2208, 28.1260

Triad

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



27.7944, 27.2208, 30.9834



25.3388, 27.2208, 24.6347



24.5569, 27.2208, 33.8115

Complementary

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



27.7944, 27.2208, 30.9834



27.4701, 30.9534, 32.1320

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.



24.0605, 27.2208, 31.2049



27.7944, 27.2208, 30.9834



24.5039, 27.2208, 25.9679

Square

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



27.7944, 27.2208, 30.9834



26.3379, 27.2208, 24.5839



24.0414, 27.2208, 28.3337



25.4127, 27.2208, 35.3432

Rectangle

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



27.7944, 27.2208, 30.9834



27.4644, 27.2208, 26.4927



24.0414, 27.2208, 28.3337



24.3434, 27.2208, 33.0247

Sweetspot

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



27.7952, 27.2220, 30.9840



54.0368, 55.7814, 61.4962



26.9997, 26.7278, 34.7468



12.1322, 12.4622, 13.7820



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.



27.7952, 27.2220, 30.9840



48.6217, 46.8547, 53.8231



27.2352, 27.0631, 27.8343



6.3237, 6.2686, 7.0847



11.8404, 5.9904, 5.6848



0.1952, 0.0968, 0.1807

Inverse Universe

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



27.7952, 27.2220, 30.9840



48.6217, 46.8547, 53.8231



28.0728, 31.1191, 35.5379



6.3237, 6.2686, 7.0847



11.8404, 5.9904, 5.6848



0.1952, 0.0968, 0.1807

Previews

White Background



This preview shows how the XYZ color 27.7944, 27.2208, 30.9834 looks on a white background.

Color Contrast Check

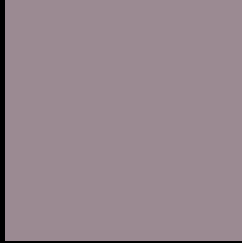
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7944, 27.2208, 30.9834 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

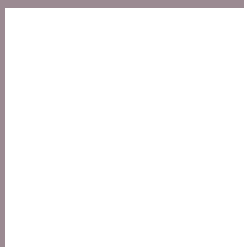
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7944, 27.2208, 30.9834

Background



This preview shows how black text looks on a background with the XYZ color 27.7944, 27.2208, 30.9834.



This preview shows how white text looks on a background with the XYZ color 27.7944, 27.2208,

30.9834.

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

27.7944, 27.2208, 30.9834

Protanopia

26.3460, 27.3238, 31.9024

Deuteranopia

27.7944, 27.2208, 30.9834



Tritanopia

27.9513, 27.2836, 31.8100

Trichromacy



Original Color

27.7944, 27.2208, 30.9834

Protanomaly

26.8240, 27.3594, 31.4709

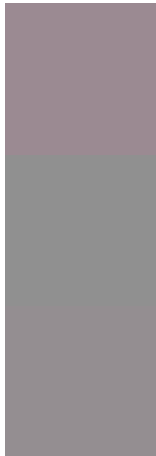
Deuteranomaly

27.7944, 27.2208, 30.9834

Tritanomaly

27.8725, 27.2521, 31.3949

Monochromacy



Original Color

27.7944, 27.2208, 30.9834

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9966, 27.6862, 30.7092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7944, 27.2208, 30.9834 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, 138, 146)` looks like.

```
.text, #text, p{  
    color:rgb(155, 138, 146)  
}
```

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, 138, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 138, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.7944, 27.2208, 30.9834 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, 138, 146) }
```


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

```
.border{ border-color:rgb(155, 138, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 138, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 138, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 138, 146);  
box-shadow:4px 4px 4px 4px rgb(155, 138,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7944, 27.2208, 30.9834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 138, 146) }
```

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

```
.background{ background-color: rgb(155,  
138, 146) }
```

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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