

Converting Colors

XYZ(26.2771, 27.2210, 27.1807)

Have a look what the booklet for
XYZ(26.2771, 27.2210, 27.1807)
contains.

XYZ(26.1816, 27.1232, 27.1479)	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(26.1816, 27.1232,
27.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	948D88
RGB	148, 141, 136
RGB Percent	58%, 55%, 53%
CMY	0.4196, 0.4470, 0.4667
CMYK	0.00, 0.05, 0.08, 0.42
HSL	25°, 5%, 56%
HSV	25°, 8%, 58%
XYZ	26.1816, 27.1232, 27.1479
YIQ	142.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

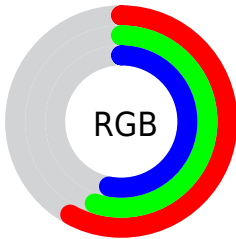
Format	Color
R_{YB}	148, 145, 136
Decimal	9735560
CIE Lab	59.09, 1.67, 3.58
CIE LCh	59, 3.954, 64.971
Yxy	27.1232, 0.3254, 0.3371
Android (android.graphics.Color)	4287925640 (0xFF948D88)
YUV	142.5230, -3.2158, 4.8033
Hunter-Lab	52.0799, -1.4045, 5.5496

Details

The XYZ color **26.1816, 27.1232, 27.1479** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3212, 27.0170, 31.8977**, and the grayscale version is **25.9299, 27.2802, 29.7082**.

A 20% lighter version of the original color is **53.0575, 55.2609, 56.0141**, and **10.3506, 10.6954, 10.3230** is the 20% darker color. If you saturate the color by 10%, you get **23.9784, 24.2853, 21.5775**, and if you desaturate by 10%, it is **28.6308, 30.2200, 33.5176**.

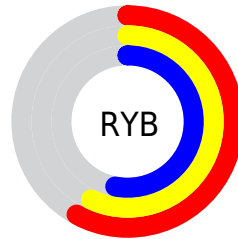
Distribution



Red (58%)

Green (55%)

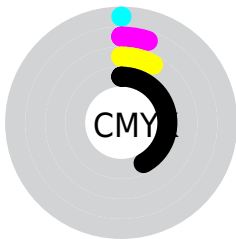
Blue (53%)



Red (58%)

Yellow (57%)

Blue (53%)

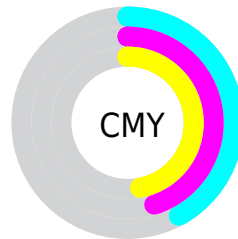


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1816, 27.1232, 27.1479 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 26.1816, 27.1232, 27.1479 by changing the saturation by 10% instead.

■ 26.1816, 27.1232,
27.1479

■ 26.1816, 27.1232,
27.1479

275.9128,
288.2531, 302.1553

■ 17.0929, 17.6658,
17.4509

■ 52.9970, 55.0815,
56.1277

■ 10.3965, 10.7103,
10.3912

■ 71.4544, 74.3512,
76.2476

■ 5.7269, 5.8724,
5.5501

■ 93.7655, 97.6604,
100.6790

■ 2.7188, 2.7676,
2.5092

120.2955,
125.3935, 129.8402

■ 1.0069, 1.0117,
0.8450

151.4099,
157.9349, 164.1499

■ 0.0000, 0.0000,
0.0000

187.4740,

195.6691, 204.0267

228.8532,
238.9804, 249.8889

■ 26.1816, 27.1232,
27.1479

■ 26.1816, 27.1232,
27.1479

■ 23.9784, 24.2853,
21.5775

■ 28.6308, 30.2200,
33.5176

■ 22.0108, 21.6958,
16.7728

■ 31.3314, 33.5786,
40.7149

■ 20.2708, 19.3488,
12.7002

■ 34.2916, 37.2066,
48.7689

■ 18.7493, 17.2366,
9.3231

■ 37.5185, 41.1101,
57.7069

■ 17.4362, 15.3513,
6.6016

■ 41.0189, 45.2950,
67.5547

■ 16.3209, 13.6844,
4.4917

■ 44.7993, 49.7669,
78.3372

■ 15.3912, 12.2266,
2.9439

■ 48.8660, 54.5315,
90.0784

■ 14.6337, 10.9679,
1.9010

■ 53.2251, 59.5941,
102.8013

■ 14.0241, 9.8937,
1.2509

■ 55.5105, 64.0110,
104.0374

Harmonies

Analogous

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



26.5618, 27.1232, 28.0086



26.1816, 27.1232, 27.1479



25.6980, 27.1232, 26.9179

Triad

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



26.1816, 27.1232, 27.1479



24.8499, 27.1232, 29.7677



26.3251, 27.1232, 31.8059

Complementary

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



26.1816, 27.1232, 27.1479



25.3212, 27.0170, 31.8977

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.



25.8618, 27.1232, 32.3112



26.1816, 27.1232, 27.1479



25.0133, 27.1232, 31.1108

Square

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



26.1816, 27.1232, 27.1479



24.9331, 27.1232, 28.4025



25.3821, 27.1232, 32.0529



26.6454, 27.1232, 30.6922

Rectangle

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



26.1816, 27.1232, 27.1479



25.3830, 27.1232, 27.1468



25.3821, 27.1232, 32.0529



26.1807, 27.1232, 32.0541

Sweetspot

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



26.1824, 27.1244, 27.1485



48.7658, 51.1185, 54.5492



25.9753, 25.8878, 29.6148



11.1449, 11.6852, 12.4855



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.



26.1824, 27.1244, 27.1485



45.3482, 46.7741, 45.7309



27.0909, 28.9414, 27.4513



5.9876, 6.1889, 6.1195



11.9148, 8.3439, 0.9826



0.1738, 0.1581, 0.0214

Inverse Universe

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



25.3212, 27.0170, 31.8977



43.4630, 46.5390, 56.1268



24.4447, 25.2641, 31.6056



5.7635, 6.1610, 7.3552



7.4563, 7.6073, 25.0064



0.1204, 0.1515, 0.3158

Previews

White Background



This preview shows how the XYZ color 26.1816, 27.1232, 27.1479 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 26.1816, 27.1232, 27.1479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

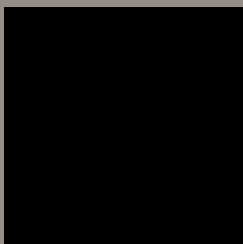
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

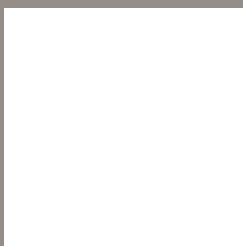
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1816, 27.1232, 27.1479

Background



This preview shows how black text looks on a background with the XYZ color 26.1816, 27.1232, 27.1479.



This preview shows how white text looks on a background with the XYZ color 26.1816, 27.1232,

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

26.1816, 27.1232, 27.1479

Protanopia

25.9710, 27.2346, 27.1805

Deuteranopia

27.5616, 26.9666, 27.4193



Tritanopia

27.3153, 27.1513, 32.6552

Trichromacy



Original Color

26.1816, 27.1232, 27.1479

Protanomaly

26.1496, 27.3266, 27.1889

Deuteranomaly

26.9303, 26.8531, 27.4307

Tritanomaly

26.8833, 27.1901, 30.6194

Monochromacy



Original Color

26.1816, 27.1232, 27.1479

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.0837, 27.2592, 28.6977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1816, 27.1232, 27.1479 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(148, 141, 136)` looks like.

```
.text, #text, p{  
    color:rgb(148, 141, 136)  
}
```

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(148, 141, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 141, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.1816, 27.1232, 27.1479 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(148, 141, 136) }
```


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

```
.border{ border-color:rgb(148, 141, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 141, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 141, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 141, 136);  
box-shadow:4px 4px 4px 4px rgb(148, 141,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1816, 27.1232, 27.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 141, 136) }
```

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

```
.background{ background-color: rgb(148,  
141, 136) }
```

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