

Converting Colors

XYZ(27.9236, 26.0607, 30.0484)

Have a look what the booklet for
XYZ(27.9236, 26.0607, 30.0484)
contains.

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Color

**XYZ(27.9832, 26.0932,
29.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	A18490
RGB	161, 132, 144
RGB Percent	63%, 52%, 56%
CMY	0.3686, 0.4823, 0.4353
CMYK	0.00, 0.18, 0.11, 0.37
HSL	335°, 13%, 57%
HSV	335°, 18%, 63%
XYZ	27.9832, 26.0932, 29.9472
YIQ	142.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

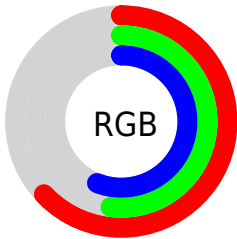
Format	Color
R_{YB}	161, 132, 144
Decimal	10585232
CIE _{Lab}	58.13, 13.12, -2.26
CIE _{LCh}	58, 13.314, 350.213
Yxy	26.0932, 0.3330, 0.3105
Android (android.graphics.Color)	4288775312 (0xFFA18490)
YUV	142.0390, 0.9668, 16.6288
Hunter-Lab	51.0815, 8.3923, 0.9975

Details

The XYZ color **27.9832, 26.0932, 29.9472** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.6864, 32.5658, 33.2618**, and the grayscale version is **25.7197, 27.0592, 29.4674**.

A 20% lighter version of the original color is **55.8609, 53.3741, 60.7841**, and **11.3443, 10.0939, 11.9401** is the 20% darker color. If you saturate the color by 10%, you get **25.2748, 21.7827, 25.6327**, and if you desaturate by 10%, it is **31.0904, 31.1040, 34.6928**.

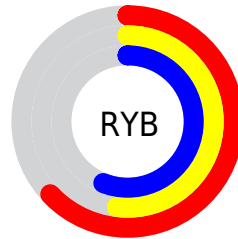
Distribution



Red (63%)

Green (52%)

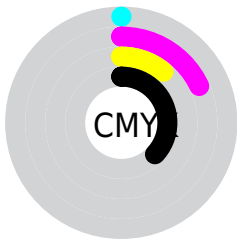
Blue (56%)



Red (63%)

Yellow (52%)

Blue (56%)

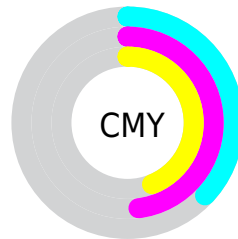


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (37%)



Cyan (37%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9832, 26.0932, 29.9472 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 27.9832, 26.0932, 29.9472 by changing the saturation by 10% instead.

■ 27.9832, 26.0932,
29.9472

■ 27.9832, 26.0932,
29.9472

284.4682,
283.2393, 315.8579

■ 18.4534, 16.8934,
19.5468

■ 55.8664, 53.4253,
60.6387

■ 11.3776, 10.1585,
11.8852

■ 74.9506, 72.3263,
81.7669

■ 6.3906, 5.5042,
6.5440

■ 97.9502, 95.2298,
107.3080

■ 3.1269, 2.5460,
3.1045

125.2307,
122.5203, 137.6808

■ 1.2212, 0.8996,
1.1482

157.1574,
154.5821, 173.3036

■ 0.1230, 0.0000,
0.0000

194.0956,

■ 0.0000, 0.0000,

191.7996, 214.5950

0.0000

236.4108,
234.5572, 261.9736

■ 27.9832, 26.0932,
29.9472

■ 27.9832, 26.0932,
29.9472

■ 25.2748, 21.7827,
25.6327

■ 31.0904, 31.1040,
34.6928

■ 22.9460, 18.1377,
21.7349

■ 34.6100, 36.8411,
39.8802

■ 20.9795, 15.1255,
18.2407

■ 38.5577, 43.3333,
45.5217

■ 19.3556, 12.7093,
15.1358

■ 42.9476, 50.6069,
51.6285

■ 18.0527, 10.8485,
12.4046

■ 47.7932, 58.6867,
58.2115

■ 17.0464, 9.4972,
10.0306

■ 53.1075, 67.5968,
65.2812

■ 16.3087, 8.6022,
7.9953

■ 58.9029, 77.3599,
72.8476

■ 15.7912, 8.0700,
6.2731

■ 63.3117, 84.2386,
80.2941

■ 15.6996, 7.9777,
5.9618

■ 64.5939, 84.7515,
87.0465

Harmonies

Analogous

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



27.2603, 26.0932, 34.4803



27.9832, 26.0932, 29.9472



27.8254, 26.0932, 25.4523

Triad

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



27.9832, 26.0932, 29.9472



23.7449, 26.0932, 20.8668



22.8692, 26.0932, 35.7949

Complementary

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



27.9832, 26.0932, 29.9472



27.6864, 32.5658, 33.2618

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.



22.0037, 26.0932, 31.5907



27.9832, 26.0932, 29.9472



22.4939, 26.0932, 23.0994

Square

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



27.9832, 26.0932, 29.9472



25.3315, 26.0932, 20.5287



21.8693, 26.0932, 26.9284



24.2775, 26.0932, 38.0900

Rectangle

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



27.9832, 26.0932, 29.9472



27.2445, 26.0932, 23.0553



21.8693, 26.0932, 26.9284



22.5078, 26.0932, 34.5380

Sweetspot

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



27.9839, 26.0944, 29.9478



57.4406, 58.5640, 64.7581



27.0644, 25.4587, 37.2060



12.5093, 12.7005, 14.0713



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.9839, 26.0944, 29.9478



47.8944, 43.1819, 50.1376



27.4465, 26.4098, 25.4822



7.1896, 7.1323, 7.9849



12.5581, 6.3793, 4.8634



0.2871, 0.1433, 0.2246

Inverse Universe

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



27.9839, 26.0944, 29.9478



47.8944, 43.1819, 50.1376



28.2761, 32.1325, 38.4303



7.1896, 7.1323, 7.9849



12.5581, 6.3793, 4.8634



0.2871, 0.1433, 0.2246

Previews

White Background



This preview shows how the XYZ color 27.9832, 26.0932, 29.9472 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 27.9832, 26.0932, 29.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

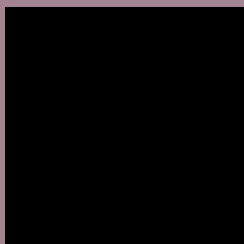
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9832, 26.0932, 29.9472

Background



This preview shows how black text looks on a background with the XYZ color 27.9832, 26.0932, 29.9472.



This preview shows how white text looks on a background with the XYZ color 27.9832, 26.0932,

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

27.9832, 26.0932, 29.9472

Protanopia

25.3931, 26.1788, 31.7316

Deuteranopia

26.7110, 26.2669, 29.6488



Tritanopia

27.9071, 26.0628, 29.5464

Trichromacy



Original Color

27.9832, 26.0932, 29.9472

Protanomaly

26.2834, 26.0108, 31.2391

Deuteranomaly

27.1395, 26.2797, 29.6287

Tritanomaly

27.9071, 26.0628, 29.5464

Monochromacy



Original Color

27.9832, 26.0932, 29.9472

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4408, 26.5497, 29.7176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9832, 26.0932, 29.9472 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(161, 132, 144)` looks like.

```
.text, #text, p{  
    color:rgb(161, 132, 144)  
}
```

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(161, 132, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 132, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.9832, 26.0932, 29.9472 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(161, 132, 144) }
```


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

```
.border{ border-color:rgb(161, 132, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 132, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 132, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 132, 144);  
box-shadow:4px 4px 4px 4px rgb(161, 132,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9832, 26.0932, 29.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 132, 144) }
```

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

```
.background{ background-color: rgb(161,  
132, 144) }
```

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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