

Converting Colors

XYZ(29.4479, 27.7645, 24.2766)

Have a look what the booklet for
XYZ(29.4479, 27.7645, 24.2766)
contains.

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Color

**XYZ(29.4950, 27.8248,
24.2382)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8880
RGB	171, 136, 128
RGB Percent	67%, 53%, 50%
CMY	0.3294, 0.4666, 0.4980
CMYK	0.00, 0.20, 0.25, 0.33
HSL	11°, 20%, 59%
HSV	11°, 25%, 67%
XYZ	29.4950, 27.8248, 24.2382
YIQ	145.5530, 23.4280, 4.9320

Conversions

Conversions Part 2

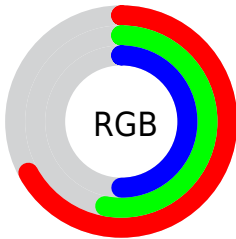
Format	Color
R_{YB}	171, 138, 128
Decimal	11241600
CIE _{Lab}	59.73, 12.09, 9.36
CIE _{LCh}	60, 15.287, 37.744
Yxy	27.8248, 0.3616, 0.3412
Android (android.graphics.Color)	4289431680 (0xFFAB8880)
YUV	145.5530, -8.6536, 22.3170
Hunter-Lab	52.7492, 7.4981, 9.6808

Details

The XYZ color **29.4950, 27.8248, 24.2382** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3495, 33.7226, 43.4903**, and the grayscale version is **27.1670, 28.5818, 31.1255**.

A 20% lighter version of the original color is **58.2166, 56.0623, 51.4688**, and **12.2103, 11.0716, 8.8906** is the 20% darker color. If you saturate the color by 10%, you get **26.6287, 23.7440, 18.1899**, and if you desaturate by 10%, it is **32.8071, 32.4931, 31.3716**.

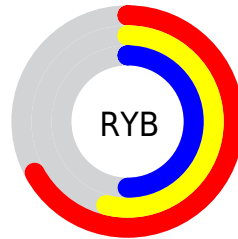
Distribution



Red (67%)

Green (53%)

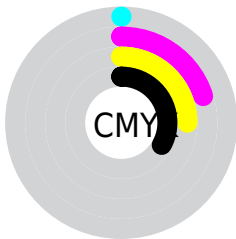
Blue (50%)



Red (67%)

Yellow (54%)

Blue (50%)

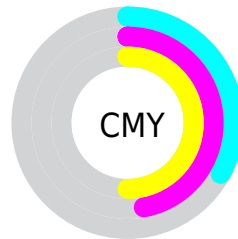


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4950, 27.8248, 24.2382 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 29.4950, 27.8248, 24.2382 by changing the saturation by 10% instead.


 29.4950, 27.8248,
24.2382


 29.4950, 27.8248,
24.2382


291.4956,
291.6288, 287.3478


 19.6018, 18.1936,
15.2966


 58.2548, 56.2046,
51.3673

 12.2125, 11.0891,
8.8789


 77.8520, 75.7220,
70.3919

 6.9618, 6.1268,
4.5665


 101.4146, 99.3037,
93.6146

 3.4843, 2.9223,
1.9410

129.3079,
127.3339, 121.4538

 1.4148, 1.0913,
0.5186

161.8973,
160.1971, 154.3282

 0.2667, 0.0000,
0.0000

199.5482,

 0.0000, 0.0000,

198.2778, 192.6563

0.0000

242.6258,
241.9602, 236.8567

■ 29.4950, 27.8248,
24.2382

■ 29.4950, 27.8248,
24.2382

■ 26.6287, 23.7440,
18.1899

■ 32.8071, 32.4931,
31.3716

■ 24.1866, 20.2236,
13.1717

■ 36.5807, 37.7670,
39.6379

■ 22.1489, 17.2401,
9.1262

■ 40.8336, 43.6685,
49.0843

■ 20.4930, 14.7667,
5.9900

■ 45.5820, 50.2175,
59.7547

■ 19.1943, 12.7743,
3.6918

■ 50.8413, 57.4330,
71.6907

■ 18.2249, 11.2309,
2.1498

■ 56.6261, 65.3330,
84.9322

■ 17.5520, 10.1001,
1.2628

■ 62.9507, 73.9350,
99.5169

■ 17.3065, 9.6818,
0.9566

■ 68.2098, 82.6084,
106.9577

■ 70.6046, 87.3979,
107.7560

Harmonies

Analogous

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



30.3019, 27.8248, 28.8851



29.4950, 27.8248, 24.2382



27.8791, 27.8248, 21.4764

Triad

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



29.4950, 27.8248, 24.2382



23.1547, 27.8248, 26.4421



26.9505, 27.8248, 42.1115

Complementary

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



29.4950, 27.8248, 24.2382



29.3495, 33.7226, 43.4903

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.



25.0641, 27.8248, 41.2509



29.4950, 27.8248, 24.2382



22.9330, 27.8248, 31.7531

Square

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



29.4950, 27.8248, 24.2382



24.2367, 27.8248, 22.6367



23.6159, 27.8248, 37.2885



28.7870, 27.8248, 39.5144

Rectangle

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



29.4950, 27.8248, 24.2382



26.5932, 27.8248, 20.8587



23.6159, 27.8248, 37.2885



26.3006, 27.8248, 42.2222

Sweetspot

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



29.4957, 27.8261, 24.2388



63.4008, 64.6929, 66.3363



31.1352, 26.7451, 38.2266



13.9126, 14.1112, 14.2972



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.4957, 27.8261, 24.2388



49.9637, 45.7708, 37.3417



32.8129, 34.4604, 25.3445



8.1214, 8.2476, 8.3773



13.0760, 7.3575, 0.7310



0.3986, 0.2743, 0.0319

Inverse Universe

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



29.3495, 33.7226, 43.4903



49.6529, 58.0915, 77.5977



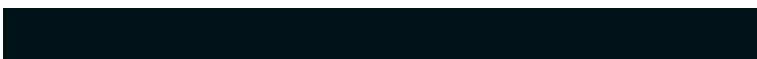
25.8691, 26.7619, 42.3302



8.1077, 8.8148, 10.2268



12.5558, 16.2454, 31.5184



0.3816, 0.5166, 0.8876

Previews

White Background



This preview shows how the XYZ color 29.4950, 27.8248, 24.2382 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 29.4950, 27.8248, 24.2382 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 29.4950, 27.8248, 24.2382

Background



This preview shows how black text looks on a background with the XYZ color 29.4950, 27.8248, 24.2382.



This preview shows how white text looks on a background with the XYZ color 29.4950, 27.8248,

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

29.4950, 27.8248, 24.2382

Protanopia

26.7158, 28.0965, 25.8449

Deuteranopia

28.3732, 27.8901, 23.9666



Tritanopia

30.7927, 27.9480, 30.1571

Trichromacy



Original Color

29.4950, 27.8248, 24.2382

Protanomaly

27.7222, 27.9575, 25.4080

Deuteranomaly

28.8556, 27.9248, 23.9478

Tritanomaly

30.2647, 27.9336, 27.8414

Monochromacy



Original Color

29.4950, 27.8248, 24.2382

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8508, 28.1786, 28.3972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4950, 27.8248, 24.2382 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(171, 136, 128)` looks like.

```
.text, #text, p{  
    color:rgb(171, 136, 128)  
}
```

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(171, 136, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 136, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.4950, 27.8248, 24.2382 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(171, 136, 128) }
```


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

```
.border{ border-color:rgb(171, 136, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 136, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 136, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 136, 128);  
box-shadow:4px 4px 4px 4px rgb(171, 136,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4950, 27.8248, 24.2382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 136, 128) }
```

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

```
.background{ background-color: rgb(171,  
136, 128) }
```

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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