

Converting Colors

XYZ(30.0013, 27.4153, 26.6778)

Have a look what the booklet for
XYZ(30.0013, 27.4153, 26.6778)
contains.

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Color

**XYZ(29.9943, 27.4086,
26.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8587
RGB	173, 133, 135
RGB Percent	68%, 52%, 53%
CMY	0.3216, 0.4784, 0.4706
CMYK	0.00, 0.23, 0.22, 0.32
HSL	357°, 20%, 60%
HSV	357°, 23%, 68%
XYZ	29.9943, 27.4086, 26.6312
YIQ	145.1880, 23.1980, 9.1020

Conversions

Conversions Part 2

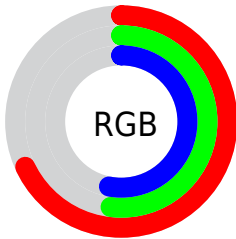
Format	Color
R _Y B	173, 133, 135
Decimal	11371911
CIE Lab	59.35, 15.62, 4.84
CIE LCh	59, 16.356, 17.209
Yxy	27.4086, 0.3569, 0.3262
Android (android.graphics.Color)	4289561991 (0xFFAD8587)
YUV	145.1880, -5.0227, 24.3911
Hunter-Lab	52.3532, 10.6484, 6.4874

Details

The XYZ color **29.9943, 27.4086, 26.6312** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9683, 37.8146, 44.1440**, and the grayscale version is **27.0039, 28.4102, 30.9387**.

A 20% lighter version of the original color is **58.9491, 55.4067, 55.1646**, and **12.4787, 10.8355, 10.0281** is the 20% darker color. If you saturate the color by 10%, you get **26.7487, 22.6285, 20.2739**, and if you desaturate by 10%, it is **33.8102, 33.0429, 34.0607**.

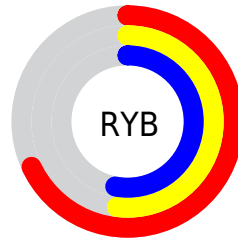
Distribution



Red (68%)

Green (52%)

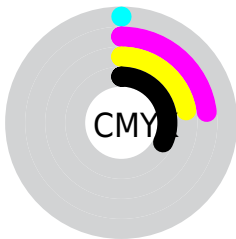
Blue (53%)



Red (68%)

Yellow (52%)

Blue (53%)

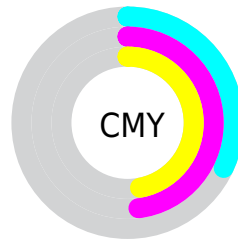


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9943, 27.4086, 26.6312 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 29.9943, 27.4086, 26.6312 by changing the saturation by 10% instead.

■ 29.9943, 27.4086,
26.6312

■ 29.9943, 27.4086,
26.6312

293.7882,
289.6301, 299.5705

■ 19.9823, 17.8803,
17.0665

■ 59.0399, 55.5388,
55.2880

■ 12.4904, 10.8641,
10.1194

■ 78.8041, 74.9096,
75.2172

■ 7.1531, 5.9755,
5.3716

■ 102.5499, 98.3300,
99.4382

■ 3.6052, 2.8302,
2.4044

130.6425,
126.1844, 128.3696

■ 1.4813, 1.0437,
0.7888

163.4472,
158.8572, 162.4301

■ 0.3131, 0.0000,
0.0000

201.3295,

■ 0.0000, 0.0000,

196.7328, 202.0380

0.0000

244.6547,
240.1957, 247.6119

■ 29.9943, 27.4086,
26.6312

■ 29.9943, 27.4086,
26.6312

■ 26.7487, 22.6285,
20.2739

■ 33.8102, 33.0429,
34.0607

■ 24.0439, 18.6574,
14.9377

■ 38.2195, 39.5662,
42.6069

■ 21.8512, 15.4516,
10.5699

■ 43.2470, 47.0160,
52.3138

■ 20.1382, 12.9619,
7.1123

■ 48.9151, 55.4266,
63.2226

■ 18.8689, 11.1333,
4.5008

■ 55.2453, 64.8303,
75.3724

■ 18.0024, 9.9028,
2.6624

■ 62.2580, 75.2583,
88.8007

■ 17.4898, 9.1952,
1.5123

■ 69.9728, 86.7400,
103.5432

■ 17.2810, 8.9032,
1.0557

■ 71.0437, 87.6243,
107.7765

Harmonies

Analogous

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



30.0806, 27.4086, 32.4090



29.9943, 27.4086, 26.6312



28.8172, 27.4086, 22.3125

Triad

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



29.9943, 27.4086, 26.6312



23.2683, 27.4086, 22.8225



25.1894, 27.4086, 42.2398

Complementary

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



29.9943, 27.4086, 26.6312



31.9683, 37.8146, 44.1440

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.



23.4679, 27.4086, 38.9025



29.9943, 27.4086, 26.6312



22.3984, 27.4086, 27.4168

Square

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



29.9943, 27.4086, 26.6312



24.9039, 27.4086, 20.3193



22.4695, 27.4086, 33.3038



27.2329, 27.4086, 41.9570

Rectangle

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



29.9943, 27.4086, 26.6312



27.6056, 27.4086, 20.6113



22.4695, 27.4086, 33.3038



24.5560, 27.4086, 41.4876

Sweetspot

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



29.9951, 27.4099, 26.6318



65.1572, 65.9883, 69.9340



32.7257, 28.4514, 43.3022



14.0622, 14.1958, 15.0084



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.



29.9951, 27.4099, 26.6318



50.4736, 44.3059, 41.3481



32.5346, 32.7119, 26.7912



8.0208, 8.0216, 8.4206



12.7018, 6.5433, 0.8092



0.3585, 0.1841, 0.0495

Inverse Universe

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



29.9951, 27.4099, 26.6318



50.4736, 44.3059, 41.3481



28.9381, 31.4475, 44.0801



8.0208, 8.0216, 8.4206



12.7018, 6.5433, 0.8092



0.3585, 0.1841, 0.0495

Previews

White Background



This preview shows how the XYZ color 29.9943, 27.4086, 26.6312 looks on a white background.

Color Contrast Check

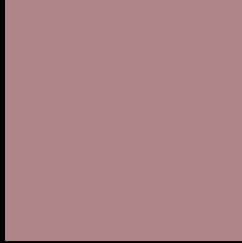
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9943, 27.4086, 26.6312 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 29.9943, 27.4086, 26.6312

Background



This preview shows how black text looks on a background with the XYZ color 29.9943, 27.4086, 26.6312.



This preview shows how white text looks on a background with the XYZ color 29.9943, 27.4086,

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

29.9943, 27.4086, 26.6312

Protanopia

26.2607, 27.3504, 28.7060

Deuteranopia

27.8888, 27.3718, 26.3676



Tritanopia

30.5893, 27.4542, 29.2781

Trichromacy



Original Color

29.9943, 27.4086, 26.6312

Protanomaly

27.5304, 27.3681, 27.8763

Deuteranomaly

28.6243, 27.3289, 26.3206

Tritanomaly

30.3670, 27.3653, 28.1076

Monochromacy



Original Color

29.9943, 27.4086, 26.6312

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8502, 27.9414, 29.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9943, 27.4086, 26.6312 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(173, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 135)  
}
```

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(173, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 135) }
```

Border

The CSS property to change the border of an element to XYZ 29.9943, 27.4086, 26.6312 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(173, 133, 135) }
```


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

```
.border{ border-color:rgb(173, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9943, 27.4086, 26.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 135) }
```

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

```
.background{ background-color: rgb(173,  
133, 135) }
```

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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