

Converting Colors

XYZ(29.0172, 29.6515, 27.1942)

Have a look what the booklet for
XYZ(29.0172, 29.6515, 27.1942)
contains.

XYZ(28.9501, 29.6780, 27.1243)	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(28.9501, 29.6780,
27.1243)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9287
RGB	159, 146, 135
RGB Percent	62%, 57%, 53%
CMY	0.3765, 0.4274, 0.4706
CMYK	0.00, 0.08, 0.15, 0.38
HSL	28°, 11%, 58%
HSV	28°, 15%, 62%
XYZ	28.9501, 29.6780, 27.1243
YIQ	148.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

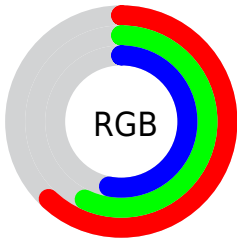
Format	Color
RYB	159, 155, 135
Decimal	10457735
CIELab	61.38, 2.90, 7.56
CIElCh	61, 8.099, 69.025
Yxy	29.6780, 0.3376, 0.3461
Android (android.graphics.Color)	4288647815 (0xFF9F9287)
YUV	148.6330, -6.7211, 9.0919
Hunter-Lab	54.4775, -0.4783, 8.6138

Details

The XYZ color **28.9501, 29.6780, 27.1243** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8394, 28.8331, 36.9517**, and the grayscale version is **28.4376, 29.9186, 32.5813**.

A 20% lighter version of the original color is **57.4629, 59.2355, 55.9819**, and **11.8860, 12.1474, 10.3126** is the 20% darker color. If you saturate the color by 10%, you get **26.6357, 26.7088, 21.2361**, and if you desaturate by 10%, it is **31.5333, 32.9167, 33.9277**.

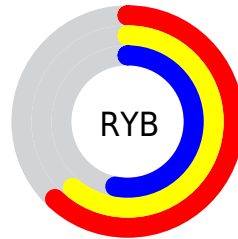
Distribution



Red (62%)

Green (57%)

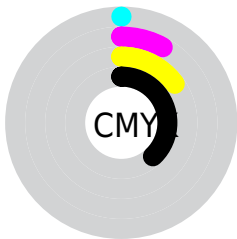
Blue (53%)



Red (62%)

Yellow (61%)

Blue (53%)

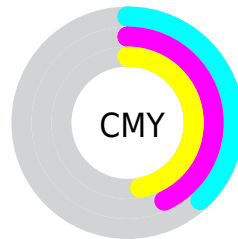


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9501, 29.6780, 27.1243 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 28.9501, 29.6780, 27.1243 by changing the saturation by 10% instead.

■ 28.9501, 29.6780,
27.1243

■ 28.9501, 29.6780,
27.1243

288.9779,
300.4006, 302.0376

■ 19.1872, 19.5943,
17.4333

■ 57.3959, 59.1526,
56.0894

■ 11.9104, 12.1005,
10.3787

■ 76.8095, 79.3123,
76.2007

■ 6.7545, 6.8122,
5.5419

■ 100.1707,
103.5994, 100.6224

■ 3.3540, 3.3449,
2.5043

127.8448,
132.3984, 129.7732

■ 1.3436, 1.3143,
0.8425

160.1972,
166.0936, 164.0716

■ 0.2155, 0.1523,
0.0000

197.5933,

■ 0.0000, 0.0000,

205.0694, 203.9361

0.0000

240.3984,
249.7103, 249.7853

■ 28.9501, 29.6780,
27.1243

■ 28.9501, 29.6780,
27.1243

■ 26.6357, 26.7088,
21.2361

■ 31.5333, 32.9167,
33.9277

■ 24.5782, 23.9979,
16.2216

■ 34.3919, 36.4279,
41.6816

■ 22.7681, 21.5387,
12.0389

■ 37.5354, 40.2196,
50.4217

■ 21.1945, 19.3233,
8.6417

■ 40.9719, 44.2985,
60.1815

■ 19.8454, 17.3428,
5.9793

■ 44.7094, 48.6706,
70.9925

■ 18.7076, 15.5880,
3.9949

■ 48.7552, 53.3421,
82.8851

■ 17.7664, 14.0486,
2.6232

■ 53.1167, 58.3188,
95.8886

■ 17.0033, 12.7129,
1.7817

■ 56.6195, 63.1338,
103.8096

■ 16.6740, 12.1226,
1.4611

■ 58.8686, 67.6318,
104.5593

Harmonies

Analogous

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



29.8349, 29.6780, 28.7482



28.9501, 29.6780, 27.1243



27.8869, 29.6780, 26.8431

Triad

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



28.9501, 29.6780, 27.1243



26.2267, 29.6780, 33.2464



29.5220, 29.6780, 37.1057

Complementary

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



28.9501, 29.6780, 27.1243



26.8394, 28.8331, 36.9517

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.



28.5317, 29.6780, 38.4826



28.9501, 29.6780, 27.1243



26.6414, 29.6780, 36.1637

Square

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



28.9501, 29.6780, 27.1243



26.3323, 29.6780, 30.2529



27.4788, 29.6780, 38.1274



30.1708, 29.6780, 34.4672

Rectangle

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



28.9501, 29.6780, 27.1243



27.2226, 29.6780, 27.4362



27.4788, 29.6780, 38.1274



29.2170, 29.6780, 37.7388

Sweetspot

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



28.9509, 29.6793, 27.1249



56.4724, 58.9498, 60.7595



28.3235, 26.8437, 31.7889



12.6592, 13.2003, 13.5047



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.



28.9509, 29.6793, 27.1249



50.4497, 51.3729, 44.9760



30.8642, 33.5059, 27.7627



6.8711, 7.1221, 6.9982



13.2105, 9.6567, 1.1676



0.2781, 0.2564, 0.0348

Inverse Universe

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



26.8394, 28.8331, 36.9517



45.9557, 49.5716, 65.8896



25.0824, 25.3193, 36.3661



6.5673, 7.0004, 8.4118



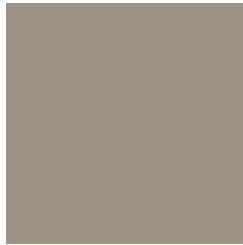
7.6198, 7.3311, 26.9207



0.1783, 0.2152, 0.4954

Previews

White Background



This preview shows how the XYZ color 28.9501, 29.6780, 27.1243 looks on a white background.

Color Contrast Check

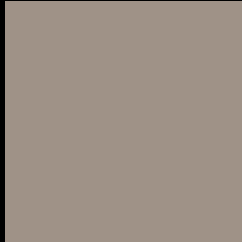
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9501, 29.6780, 27.1243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

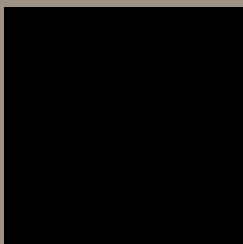
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

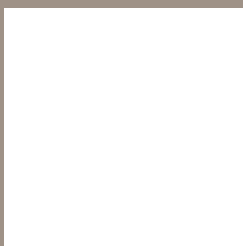
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9501, 29.6780, 27.1243

Background



This preview shows how black text looks on a background with the XYZ color 28.9501, 29.6780, 27.1243.



This preview shows how white text looks on a background with the XYZ color 28.9501, 29.6780,

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

28.9501, 29.6780, 27.1243

Protanopia

28.3603, 29.8274, 27.5551

Deuteranopia

30.2027, 29.6380, 27.4214



Tritanopia

30.5555, 29.6594, 34.6862

Trichromacy



Original Color

28.9501, 29.6780, 27.1243

Protanomaly

28.5880, 29.7129, 27.5210

Deuteranomaly

29.7270, 29.6166, 27.4423

Tritanomaly

29.9377, 29.6302, 31.7451

Monochromacy



Original Color

28.9501, 29.6780, 27.1243

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7608, 29.9657, 30.6537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9501, 29.6780, 27.1243 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(159, 146, 135)` looks like.

```
.text, #text, p{  
    color:rgb(159, 146, 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(159, 146, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 146, 135) }
```

Border

The CSS property to change the border of an element to XYZ 28.9501, 29.6780, 27.1243 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(159, 146, 135) }
```


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

```
.border{ border-color:rgb(159, 146, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 146, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 146, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 146, 135); box-shadow:4px 4px 4px 4px rgb(159, 146, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9501, 29.6780, 27.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 146, 135) }
```

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

```
.background{ background-color: rgb(159,  
146, 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](#).

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