

Converting Colors

XYZ(27.0251, 28.1233, 28.8826)

Have a look what the booklet for
XYZ(27.0251, 28.1233, 28.8826)
contains.

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Color

**XYZ(27.1013, 28.2295,
28.8314)**

Conversions

Conversions Part 1

Format	Color
Hex	95908C
RGB	149, 144, 140
RGB Percent	58%, 56%, 55%
CMY	0.4157, 0.4353, 0.4510
CMYK	0.00, 0.03, 0.06, 0.42
HSL	27°, 4%, 57%
HSV	27°, 6%, 58%
XYZ	27.1013, 28.2295, 28.8314
YIQ	145.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

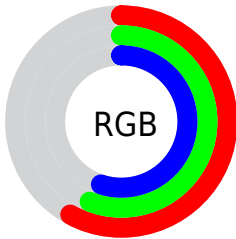
Format	Color
R_{YB}	149, 147, 140
Decimal	9801868
CIE _{Lab}	60.10, 1.10, 2.77
CIE _{LCh}	60, 2.979, 68.400
Yxy	28.2295, 0.3220, 0.3354
Android (android.graphics.Color)	4287991948 (0xFF95908C)
YUV	145.0390, -2.4842, 3.4738
Hunter-Lab	53.1314, -1.9307, 5.0187

Details

The XYZ color **27.1013, 28.2295, 28.8314** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3654, 27.9958, 32.4482**, and the grayscale version is **26.9387, 28.3416, 30.8640**.

A 20% lighter version of the original color is **54.5603, 56.9797, 59.1615**, and **10.8852, 11.3403, 11.2880** is the 20% darker color. If you saturate the color by 10%, you get **24.8689, 25.4053, 23.0289**, and if you desaturate by 10%, it is **29.5759, 31.2994, 35.4494**.

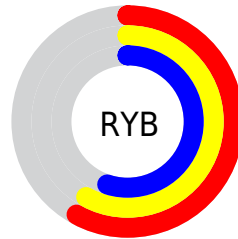
Distribution



Red (58%)

Green (56%)

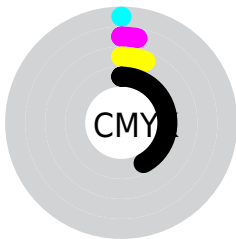
Blue (55%)



Red (58%)

Yellow (58%)

Blue (55%)

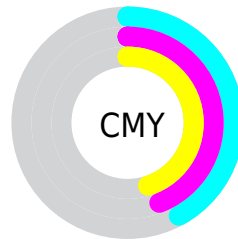


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1013, 28.2295, 28.8314 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 27.1013, 28.2295, 28.8314 by changing the saturation by 10% instead.

■ 27.1013, 28.2295,
28.8314

■ 27.1013, 28.2295,
28.8314

280.3059,
293.5619, 310.4546

■ 17.7863, 18.4987,
18.7088

■ 54.4651, 56.8506,
58.8481

■ 10.8954, 11.3086,
11.2854

■ 73.2446, 76.5098,
79.5793

■ 6.0633, 6.2748,
6.1426

■ 95.9097, 100.2472,
104.6838

■ 2.9247, 3.0129,
2.8618

122.8257,
128.4473, 134.5801

■ 1.1140, 1.1385,
1.0245

154.3580,
161.4944, 169.6868

■ 0.0368, 0.0106,
0.0000

190.8718,

■ 0.0000, 0.0000,

199.7729, 210.4225

0.0000

232.7327,
243.6673, 257.2055

■ 27.1013, 28.2295,
28.8314

■ 27.1013, 28.2295,
28.8314

■ 24.8689, 25.4053,
23.0289

■ 29.5759, 31.2994,
35.4494

■ 22.8685, 22.8168,
18.0081

■ 32.2980, 34.6173,
42.9112

■ 21.0925, 20.4586,
13.7355

■ 35.2753, 38.1903,
51.2461

■ 19.5320, 18.3239,
10.1747

■ 38.5148, 42.0240,
60.4812

■ 18.1774, 16.4054,
7.2859

■ 42.0230, 46.1237,
70.6426

■ 17.0184, 14.6952,
5.0255

■ 45.8064, 50.4948,
81.7553

■ 16.0434, 13.1850,
3.3446

■ 49.8709, 55.1423,
93.8434

■ 15.2394, 11.8657,
2.1869

■ 53.5385, 59.7975,
103.3280

■ 14.5885, 10.7258,
1.4708

■ 55.6368, 63.9940,
104.0274

Harmonies

Analogous

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



27.4083, 28.2295, 29.4550



27.1013, 28.2295, 28.8314



26.7247, 28.2295, 28.7122

Triad

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



27.1013, 28.2295, 28.8314



26.1146, 28.2295, 31.0440



27.2879, 28.2295, 32.4072

Complementary

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



27.1013, 28.2295, 28.8314



26.3654, 27.9958, 32.4482

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.



26.9382, 28.2295, 32.8551



27.1013, 28.2295, 28.8314



26.2625, 28.2295, 32.0559

Square

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



27.1013, 28.2295, 28.8314



26.1573, 28.2295, 29.9728



26.5631, 28.2295, 32.7250



27.5167, 28.2295, 31.5143

Rectangle

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



27.1013, 28.2295, 28.8314



26.4851, 28.2295, 28.9321



26.5631, 28.2295, 32.7250



27.1805, 28.2295, 32.6157

Sweetspot

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



27.1021, 28.2307, 28.8320



50.2552, 52.7021, 56.1954



26.8914, 27.1936, 30.6604



11.1498, 11.6951, 12.4871



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.



27.1021, 28.2307, 28.8320



48.0742, 49.9783, 50.4181



27.7812, 29.5889, 29.0584



6.0966, 6.3356, 6.3759



12.1132, 8.7409, 1.0487



0.1769, 0.1643, 0.0224

Inverse Universe

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



26.3654, 27.9958, 32.4482



46.5255, 49.4843, 58.0205



25.7064, 26.6778, 32.2286



5.8942, 6.2711, 7.3695



7.1820, 7.0588, 24.9150



0.1174, 0.1453, 0.3148

Previews

White Background



This preview shows how the XYZ color 27.1013, 28.2295, 28.8314 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 27.1013, 28.2295, 28.8314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

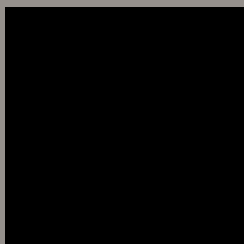
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

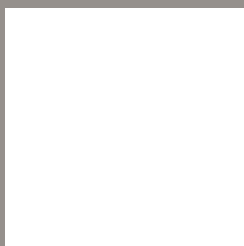
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1013, 28.2295, 28.8314

Background



This preview shows how black text looks on a background with the XYZ color 27.1013, 28.2295, 28.8314.



This preview shows how white text looks on a background with the XYZ color 27.1013, 28.2295,

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

27.1013, 28.2295, 28.8314

Protanopia

26.9196, 28.1359, 28.8229

Deuteranopia

28.6830, 28.1528, 29.1216



Tritanopia

28.1853, 28.2252, 34.0995

Trichromacy



Original Color

27.1013, 28.2295, 28.8314

Protanomaly

26.9196, 28.1359, 28.8229

Deuteranomaly

28.0429, 28.0408, 29.1337

Tritanomaly

27.7454, 28.2671, 32.0107

Monochromacy



Original Color

27.1013, 28.2295, 28.8314

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9374, 28.3450, 30.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1013, 28.2295, 28.8314 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(149, 144, 140) looks like.

```
.text, #text, p{  
    color:rgb(149, 144, 140)  
}
```

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(149, 144, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 144, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.1013, 28.2295, 28.8314 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(149, 144, 140) }
```


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

```
.border{ border-color:rgb(149, 144, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 144, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 144, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 144, 140);  
box-shadow:4px 4px 4px 4px rgb(149, 144,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1013, 28.2295, 28.8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 144, 140) }
```

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

```
.background{ background-color: rgb(149,  
144, 140) }
```

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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