

Converting Colors

XYZ(28.4896, 28.3396, 31.5381)

Have a look what the booklet for
XYZ(28.4896, 28.3396, 31.5381)
contains.

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Color

**XYZ(28.6498, 28.5205,
31.5988)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8E93
RGB	156, 142, 147
RGB Percent	61%, 56%, 58%
CMY	0.3882, 0.4431, 0.4235
CMYK	0.00, 0.09, 0.06, 0.39
HSL	339°, 7%, 58%
HSV	339°, 9%, 61%
XYZ	28.6498, 28.5205, 31.5988
YIQ	146.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

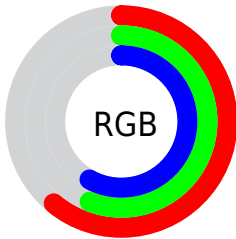
Format	Color
R _Y B	156, 142, 147
Decimal	10260115
CIE Lab	60.36, 6.13, -0.77
CIE LCh	60, 6.173, 352.877
Yxy	28.5205, 0.3227, 0.3213
Android (android.graphics.Color)	4288450195 (0xFF9C8E93)
YUV	146.7560, 0.1203, 8.1070
Hunter-Lab	53.4046, 2.3013, 2.3021

Details

The XYZ color **28.6498, 28.5205, 31.5988** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6308, 31.7629, 33.9016**, and the grayscale version is **27.6307, 29.0696, 31.6568**.

A 20% lighter version of the original color is **57.1465, 57.5458, 63.3538**, and **11.8105, 11.5206, 12.9105** is the 20% darker color. If you saturate the color by 10%, you get **25.7363, 23.8985, 26.9123**, and if you desaturate by 10%, it is **31.9584, 33.8222, 36.7564**.

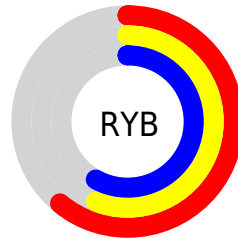
Distribution



Red (61%)

Green (56%)

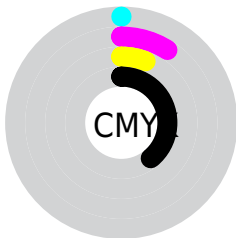
Blue (58%)



Red (61%)

Yellow (56%)

Blue (58%)

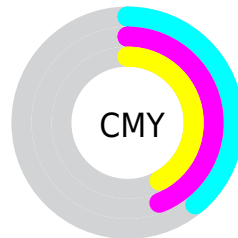


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6498, 28.5205, 31.5988 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 28.6498, 28.5205, 31.5988 by changing the saturation by 10% instead.

■ 28.6498, 28.5205,
31.5988

■ 28.6498, 28.5205,
31.5988

287.5831,
294.9458, 323.7238

■ 18.9590, 18.7184,
20.7930

■ 56.9216, 57.3144,
63.2722

■ 11.7445, 11.4670,
12.7830

■ 76.2334, 77.0749,
84.9768

■ 6.6409, 6.3818,
7.1503

■ 99.4829, 100.9238,
111.1515

■ 3.2829, 3.0786,
3.4764

127.0354,
129.2453, 142.2147

■ 1.3051, 1.1729,
1.3427

159.2563,
162.4238, 178.5850

■ 0.1870, 0.0394,
0.0964

196.5110,

■ 0.0000, 0.0000,

200.8438, 220.6809

0.0000

239.1648,
244.8897, 268.9210

■ 28.6498, 28.5205,
31.5988

■ 28.6498, 28.5205,
31.5988

■ 25.7363, 23.8985,
26.9123

■ 31.9584, 33.8222,
36.7564

■ 23.2004, 19.9248,
22.6813

■ 35.6740, 39.8257,
42.3962

■ 21.0266, 16.5714,
18.8921

■ 39.8110, 46.5570,
48.5315

■ 19.1977, 13.8064,
15.5297

■ 44.3824, 54.0393,
55.1742

■ 17.6947, 11.5954,
12.5778

■ 49.4005, 62.2949,
62.3361

■ 16.4969, 9.9002,
10.0194

■ 54.8772, 71.3453,
70.0282

■ 15.5810, 8.6777,
7.8357

■ 60.8239, 81.2111,
78.2616

■ 14.9200, 7.8776,
6.0062

■ 63.3695, 84.1476,
85.7527

■ 14.4596, 7.3955,
4.5006

■ 64.7969, 84.7186,
93.2692

Harmonies

Analogous

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



28.3424, 28.5205, 33.7658



28.6498, 28.5205, 31.5988



28.5377, 28.5205, 29.3865

Triad

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



28.6498, 28.5205, 31.5988



26.5192, 28.5205, 27.2005



26.1977, 28.5205, 34.6690

Complementary

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



28.6498, 28.5205, 31.5988



28.6308, 31.7629, 33.9016

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.



25.7267, 28.5205, 32.7834



28.6498, 28.5205, 31.5988



25.9098, 28.5205, 28.4914

Square

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



28.6498, 28.5205, 31.5988



27.2975, 28.5205, 26.9178



25.6223, 28.5205, 30.5155



26.9192, 28.5205, 35.5936

Rectangle

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



28.6498, 28.5205, 31.5988



28.2411, 28.5205, 28.1754



25.6223, 28.5205, 30.5155



26.0054, 28.5205, 34.1223

Sweetspot

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



28.6506, 28.5217, 31.5994



55.5014, 57.3439, 62.8266



28.4125, 28.3142, 35.4207



12.1099, 12.4533, 13.6645



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.6506, 28.5217, 31.5994



50.7873, 49.8123, 55.4080



28.5469, 28.9283, 29.6718



6.7260, 6.6833, 7.4083



11.8903, 6.0607, 3.6731



0.2319, 0.1161, 0.1670

Inverse Universe

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



28.6506, 28.5217, 31.5994



50.7873, 49.8123, 55.4080



28.7347, 31.3072, 35.9814



6.7260, 6.6833, 7.4083



11.8903, 6.0607, 3.6731



0.2319, 0.1161, 0.1670

Previews

White Background



This preview shows how the XYZ color 28.6498, 28.5205, 31.5988 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 28.6498, 28.5205, 31.5988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

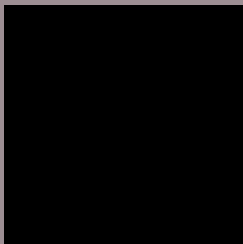
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

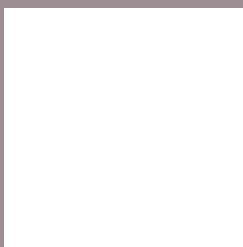
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6498, 28.5205, 31.5988

Background



This preview shows how black text looks on a background with the XYZ color 28.6498, 28.5205, 31.5988.



This preview shows how white text looks on a background with the XYZ color 28.6498, 28.5205,

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

28.6498, 28.5205, 31.5988

Protanopia

27.5828, 28.6238, 32.5049

Deuteranopia

29.0894, 28.5273, 31.5769



Tritanopia

29.0970, 28.4848, 33.6703

Trichromacy



Original Color

28.6498, 28.5205, 31.5988

Protanomaly

27.8962, 28.5687, 32.0610

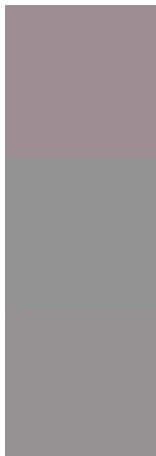
Deuteranomaly

28.8919, 28.4254, 31.5677

Tritanomaly

28.9345, 28.4199, 32.8147

Monochromacy



Original Color

28.6498, 28.5205, 31.5988

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9695, 28.8414, 31.6966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6498, 28.5205, 31.5988 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(156, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 147)  
}
```

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(156, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.6498, 28.5205, 31.5988 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(156, 142, 147) }
```


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

```
.border{ border-color:rgb(156, 142, 147) }
```

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

Here you see how a box with a 4 pixel rgb(156, 142, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6498, 28.5205, 31.5988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 147) }
```

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

```
.background{ background-color: rgb(156,  
142, 147) }
```

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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