

Converting Colors

XYZ(28.6502, 27.9751, 35.8552)

Have a look what the booklet for
XYZ(28.6502, 27.9751, 35.8552)
contains.

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Color

**XYZ(28.6008, 27.9628,
35.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	998C9D
RGB	153, 140, 157
RGB Percent	60%, 55%, 62%
CMY	0.4000, 0.4510, 0.3843
CMYK	0.03, 0.11, 0.00, 0.38
HSL	286°, 8%, 58%
HSV	286°, 11%, 62%
XYZ	28.6008, 27.9628, 35.7882
YIQ	145.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

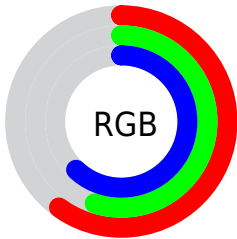
Format	Color
R_{YB}	153, 140, 157
Decimal	10063005
CIE _{Lab}	59.86, 8.09, -7.24
CIE _{LCh}	60, 10.859, 318.187
Yxy	27.9628, 0.3097, 0.3028
Android (android.graphics.Color)	4288253085 (0xFF998C9D)
YUV	145.8250, 5.5093, 6.2925
Hunter-Lab	52.8799, 4.0044, -3.1106

Details

The XYZ color **28.6008, 27.9628, 35.7882** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2931, 31.9374, 29.4856**, and the grayscale version is **27.2282, 28.6462, 31.1957**.

A 20% lighter version of the original color is **56.9076, 56.6024, 70.2134**, and **11.7372, 11.1777, 15.1746** is the 20% darker color. If you saturate the color by 10%, you get **25.7822, 23.3443, 35.0457**, and if you desaturate by 10%, it is **31.7700, 33.2495, 36.6420**.

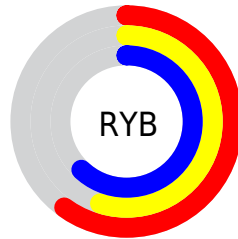
Distribution



Red (60%)

Green (55%)

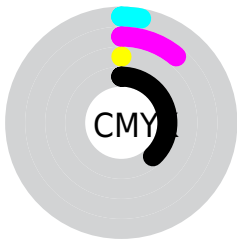
Blue (62%)



Red (60%)

Yellow (55%)

Blue (62%)

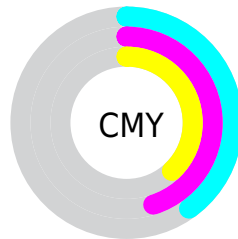


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6008, 27.9628, 35.7882 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 28.6008, 27.9628, 35.7882 by changing the saturation by 10% instead.

■ 28.6008, 27.9628,
35.7882

■ 28.6008, 27.9628,
35.7882

287.3550,
292.2891, 343.0432

■ 18.9218, 18.2976,
23.9823

■ 56.8442, 56.4250,
69.8704

■ 11.7175, 11.1639,
15.1084

■ 76.1393, 75.9909,
92.9837

■ 6.6224, 6.1772,
8.7480

■ 99.3705, 99.6258,
120.7033

■ 3.2713, 2.9531,
4.4826

126.9031,
127.7140, 153.4476

■ 1.2988, 1.1073,
1.8937

159.1025,
160.6401, 191.6352

■ 0.1823, 0.0000,
0.4887

196.3341,

■ 0.0000, 0.0000,

198.7884, 235.6847

0.0000

238.9631,
242.5433, 286.0145

■ 28.6008, 27.9628,
35.7882

■ 28.6008, 27.9628,
35.7882

■ 25.7822, 23.3443,
35.0457

■ 31.7700, 33.2495,
36.6420

■ 23.2977, 19.3628,
34.4082

■ 35.3004, 39.2268,
37.6097

■ 21.1332, 15.9897,
33.8712

■ 39.2054, 45.9205,
38.6959

■ 19.2724, 13.1930,
33.4294

■ 43.4968, 53.3542,
39.9045

■ 17.6979, 10.9378,
33.0771

■ 48.1859, 61.5500,
41.2394

■ 16.3899, 9.1852,
32.8078

■ 53.2835, 70.5295,
42.7039

■ 15.3263, 7.8911,
32.6140

■ 58.8000, 80.3132,
44.3016

■ 14.4810, 7.0034,
32.4872

■ 61.2686, 83.9672,
44.8768

■ 13.8398, 6.4316,
32.4107

■ 62.1562, 84.4247,
44.9183

Harmonies

Analogous

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



27.4129, 27.9628, 38.2353



28.6008, 27.9628, 35.7882



29.2551, 27.9628, 32.0259

Triad

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



28.6008, 27.9628, 35.7882



27.1236, 27.9628, 23.6102



24.1405, 27.9628, 32.8757

Complementary

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



28.6008, 27.9628, 35.7882



28.2931, 31.9374, 29.4856

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.



24.0691, 27.9628, 28.9203



28.6008, 27.9628, 35.7882



25.7598, 27.9628, 23.7949

Square

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



28.6008, 27.9628, 35.7882



28.3827, 27.9628, 25.1367



24.6525, 27.9628, 25.6651



24.8511, 27.9628, 36.4564

Rectangle

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



28.6008, 27.9628, 35.7882



29.2861, 27.9628, 29.3795



24.6525, 27.9628, 25.6651



24.0418, 27.9628, 31.5395

Sweetspot

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



28.6016, 27.9640, 35.7888



55.5747, 57.3278, 65.2630



26.9133, 28.0333, 35.8912



12.1298, 12.4487, 14.3339



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.



28.6016, 27.9640, 35.7888



49.9417, 47.9670, 63.7531



29.0127, 28.2171, 33.9468



6.7515, 6.6759, 8.3394



11.2740, 5.2410, 26.3246



0.2358, 0.1114, 0.4723

Inverse Universe

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



28.3177, 27.9391, 30.2870



49.3414, 47.9206, 51.8427



27.9263, 31.7114, 31.1360



6.6938, 6.6705, 7.2389



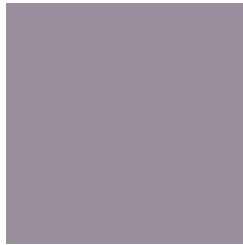
11.5761, 5.9350, 2.0188



0.2216, 0.1120, 0.1133

Previews

White Background



This preview shows how the XYZ color 28.6008, 27.9628, 35.7882 looks on a white background.

Color Contrast Check

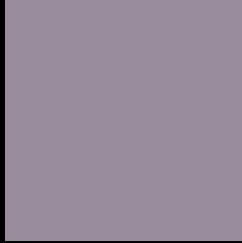
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6008, 27.9628, 35.7882 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

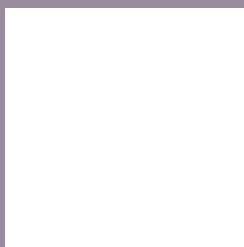
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6008, 27.9628, 35.7882

Background



This preview shows how black text looks on a background with the XYZ color 28.6008, 27.9628, 35.7882.



This preview shows how white text looks on a background with the XYZ color 28.6008, 27.9628,

35.7882.

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

28.6008, 27.9628, 35.7882

Protanopia

27.2358, 27.8989, 36.7504

Deuteranopia

28.4128, 27.8659, 35.7794



Tritanopia

28.1413, 27.9922, 33.6256

Trichromacy



Original Color

28.6008, 27.9628, 35.7882

Protanomaly

27.6986, 27.9256, 36.2781

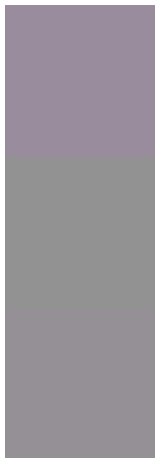
Deuteranomaly

28.4128, 27.8659, 35.7794

Tritanomaly

28.3065, 28.0582, 34.4957

Monochromacy



Original Color

28.6008, 27.9628, 35.7882

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8727, 28.5381, 32.8935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6008, 27.9628, 35.7882 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(153, 140, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 140, 157)  
}
```

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(153, 140, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 140, 157) }
```

Border

The CSS property to change the border of an element to XYZ 28.6008, 27.9628, 35.7882 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(153, 140, 157) }
```


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

```
.border{ border-color:rgb(153, 140, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 140, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 140, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 140, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 140,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6008, 27.9628, 35.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 140, 157) }
```

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

```
.background{ background-color: rgb(153,  
140, 157) }
```

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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