

Converting Colors

XYZ(28.4172, 28.1233, 27.6087)

Have a look what the booklet for
XYZ(28.4172, 28.1233, 27.6087)
contains.

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Color

**XYZ(28.3906, 28.0359,
27.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	A08C89
RGB	160, 140, 137
RGB Percent	63%, 55%, 54%
CMY	0.3725, 0.4510, 0.4627
CMYK	0.00, 0.12, 0.14, 0.37
HSL	8°, 11%, 58%
HSV	8°, 14%, 63%
XYZ	28.3906, 28.0359, 27.5820
YIQ	145.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

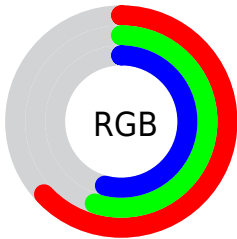
Format	Color
R_{YB}	160, 140, 137
Decimal	10521737
CIE _{Lab}	59.92, 6.99, 4.35
CIE _{LCh}	60, 8.231, 31.918
Yxy	28.0359, 0.3379, 0.3337
Android (android.graphics.Color)	4288711817 (0xFFA08C89)
YUV	145.6380, -4.2585, 12.5955
Hunter-Lab	52.9489, 3.0490, 6.1791

Details

The XYZ color **28.3906, 28.0359, 27.5820** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.7184, 31.9695, 37.9150**, and the grayscale version is **27.1873, 28.6032, 31.1488**.

A 20% lighter version of the original color is **56.6104, 56.7484, 56.6850**, and **11.5608, 11.1886, 10.5671** is the 20% darker color. If you saturate the color by 10%, you get **25.4213, 23.7997, 21.3434**, and if you desaturate by 10%, it is **31.7887, 32.8567, 34.8039**.

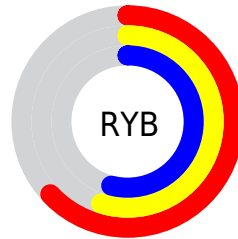
Distribution



Red (63%)

Green (55%)

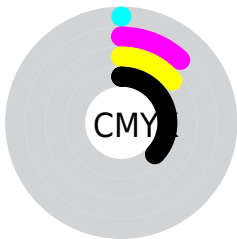
Blue (54%)



Red (63%)

Yellow (55%)

Blue (54%)

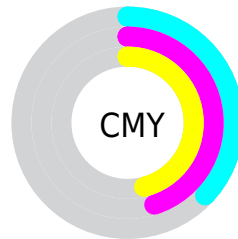


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (37%)



Cyan (37%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3906, 28.0359, 27.5820 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 28.3906, 28.0359, 27.5820 by changing the saturation by 10% instead.

■ 28.3906, 28.0359,
27.5820

■ 28.3906, 28.0359,
27.5820

286.3750,
292.6384, 304.3130

■ 18.7623, 18.3527,
17.7745

■ 56.5117, 56.5418,
56.8314

■ 11.6016, 11.2035,
10.6205

■ 75.7353, 76.1332,
77.1105

■ 6.5433, 6.2039,
5.7013

■ 98.8879, 99.7962,
101.7171

■ 3.2219, 2.9695,
2.5985

126.3350,
127.9152, 131.0698

■ 1.2722, 1.1158,
0.8917

158.4419,
160.8745, 165.5873

■ 0.1622, 0.0000,
0.0000

195.5739,

■ 0.0000, 0.0000,

199.0585, 205.6879

0.0000

238.0965,
242.8517, 251.7903

■ 28.3906, 28.0359,
27.5820

■ 28.3906, 28.0359,
27.5820

■ 25.4213, 23.7997,
21.3434

■ 31.7887, 32.8567,
34.8039

■ 22.8614, 20.1222,
16.0439

■ 35.6293, 38.2792,
43.0474

■ 20.6936, 16.9812,
11.6384

■ 39.9284, 44.3245,
52.3506

■ 18.8983, 14.3515,
8.0775

■ 44.7005, 51.0117,
62.7493

■ 17.4542, 12.2059,
5.3070

■ 49.9595, 58.3588,
74.2776

■ 16.3380, 10.5146,
3.2663

■ 55.7186, 66.3832,
86.9682

■ 15.5232, 9.2447,
1.8860

■ 61.9906, 75.1018,
100.8523

■ 14.9791, 8.3583,
1.0823

■ 67.1353, 83.8697,
107.2578

■ 14.7635, 8.0060,
0.7672

■ 68.3073, 86.2136,
107.6485

Harmonies

Analogous

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



28.7077, 28.0359, 30.3340



28.3906, 28.0359, 27.5820



27.6050, 28.0359, 25.7226

Triad

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



28.3906, 28.0359, 27.5820



24.9124, 28.0359, 27.8951



26.7146, 28.0359, 36.6506

Complementary

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



28.3906, 28.0359, 27.5820



28.7184, 31.9695, 37.9150

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.



25.7120, 28.0359, 35.8937



28.3906, 28.0359, 27.5820



24.6879, 28.0359, 30.7195

Square

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



28.3906, 28.0359, 27.5820



25.5983, 28.0359, 25.8949



24.9768, 28.0359, 33.6731



27.7245, 28.0359, 35.6795

Rectangle

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



28.3906, 28.0359, 27.5820



26.9310, 28.0359, 25.1728



24.9768, 28.0359, 33.6731



26.3656, 28.0359, 36.5897

Sweetspot

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



28.3914, 28.0372, 27.5826



57.9146, 59.9350, 63.6118



29.5560, 27.8104, 35.8506



12.5982, 12.9984, 13.7303



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.



28.3914, 28.0372, 27.5826



49.8784, 48.5268, 46.5540



30.1089, 31.4722, 28.1551



6.6994, 6.7789, 6.9410



11.5200, 6.2757, 0.6042



0.2236, 0.1475, 0.0167

Inverse Universe

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



28.7184, 31.9695, 37.9150



50.5791, 56.9598, 68.7151



26.9126, 28.3580, 37.3130



6.7479, 7.3616, 8.4720



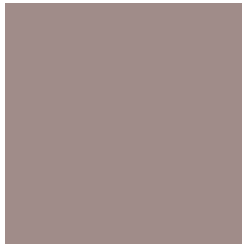
12.1697, 16.4310, 28.4373



0.2362, 0.3310, 0.5147

Previews

White Background



This preview shows how the XYZ color 28.3906, 28.0359, 27.5820 looks on a white background.

Color Contrast Check

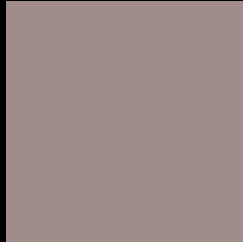
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3906, 28.0359, 27.5820 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

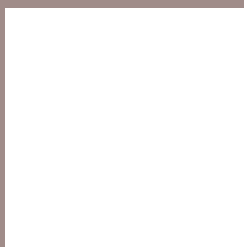
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3906, 28.0359, 27.5820

Background



This preview shows how black text looks on a background with the XYZ color 28.3906, 28.0359, 27.5820.



This preview shows how white text looks on a background with the XYZ color 28.3906, 28.0359,

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

28.3906, 28.0359, 27.5820

Protanopia

26.8462, 28.1065, 28.4362

Deuteranopia

28.5914, 28.1394, 27.5914



Tritanopia

29.4136, 28.0283, 32.2935

Trichromacy



Original Color

28.3906, 28.0359, 27.5820

Protanomaly

27.3588, 28.1553, 28.0373

Deuteranomaly

28.5914, 28.1394, 27.5914

Tritanomaly

29.0414, 28.0866, 30.6787

Monochromacy



Original Color

28.3906, 28.0359, 27.5820

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6937, 28.5090, 30.0298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3906, 28.0359, 27.5820 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(160, 140, 137)` looks like.

```
.text, #text, p{  
    color:rgb(160, 140, 137)  
}
```

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(160, 140, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 140, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.3906, 28.0359, 27.5820 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(160, 140, 137) }
```


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

```
.border{ border-color:rgb(160, 140, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 140, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 140, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 140, 137);  
box-shadow:4px 4px 4px 4px rgb(160, 140,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3906, 28.0359, 27.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 140, 137) }
```

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

```
.background{ background-color: rgb(160,  
140, 137) }
```

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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