

Converting Colors

XYZ(27.1435, 27.5678, 28.2005)

Have a look what the booklet for
XYZ(27.1435, 27.5678, 28.2005)
contains.

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Color

**XYZ(27.1340, 27.5892,
28.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	988D8B
RGB	152, 141, 139
RGB Percent	60%, 55%, 55%
CMY	0.4039, 0.4470, 0.4549
CMYK	0.00, 0.07, 0.09, 0.40
HSL	9°, 6%, 57%
HSV	9°, 9%, 60%
XYZ	27.1340, 27.5892, 28.3212
YIQ	144.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

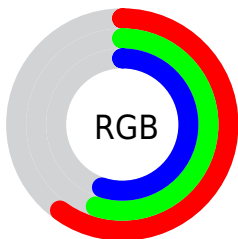
Format	Color
R_{YB}	152, 141, 139
Decimal	9997707
CIE _{Lab}	59.52, 3.73, 2.53
CIE _{LCh}	60, 4.506, 34.186
Yxy	27.5892, 0.3267, 0.3322
Android (android.graphics.Color)	4288187787 (0xFF988D8B)
YUV	144.0610, -2.4951, 6.9625
Hunter-Lab	52.5254, 0.2915, 4.7992

Details

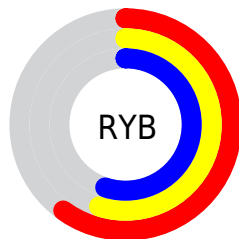
The XYZ color **27.1340, 27.5892, 28.3212** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2213, 29.5683, 33.9788**, and the grayscale version is **26.5421, 27.9244, 30.4097**.

A 20% lighter version of the original color is **54.4831, 55.9578, 57.7985**, and **10.9111, 10.9701, 10.9936** is the 20% darker color. If you saturate the color by 10%, you get **24.3127, 23.6019, 22.2770**, and if you desaturate by 10%, it is **30.3315, 32.0810, 35.2533**.

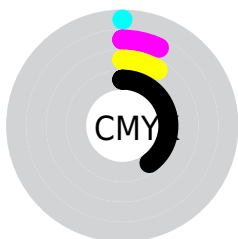
Distribution



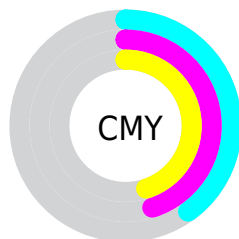
- Red (60%)
- Green (55%)
- Blue (55%)



- Red (60%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1340, 27.5892, 28.3212 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 27.1340, 27.5892, 28.3212 by changing the saturation by 10% instead.

■ 27.1340, 27.5892,
28.3212

■ 27.1340, 27.5892,
28.3212

280.4611,
290.4987, 307.9586

■ 17.8110, 18.0162,
18.3268

■ 54.5172, 55.8279,
58.0261

■ 10.9132, 10.9616,
11.0130

■ 73.3081, 75.2624,
78.5737

■ 6.0754, 6.0410,
5.9613

■ 95.9857, 98.7529,
103.4760

■ 2.9321, 2.8701,
2.7531

122.9153,
126.6838, 133.1517

■ 1.1179, 1.0643,
0.9700

154.4622,
159.4394, 168.0193

■ 0.0400, 0.0000,
0.0000

190.9920,

■ 0.0000, 0.0000,

197.4041, 208.4973

0.0000

232.8698,
240.9625, 255.0042

■ 27.1340, 27.5892,
28.3212

■ 27.1340, 27.5892,
28.3212

■ 24.3127, 23.6019,
22.2770

■ 30.3315, 32.0810,
35.2533

■ 21.8514, 20.0979,
17.0832

■ 33.9159, 37.0904,
43.1055

■ 19.7362, 17.0599,
12.7019

■ 37.9005, 42.6345,
51.9103

■ 17.9514, 14.4683,
9.0920

■ 42.2972, 48.7283,
61.6982

■ 16.4800, 12.3017,
6.2086

■ 47.1174, 55.3867,
72.4983

■ 15.3035, 10.5373,
4.0021

■ 52.3721, 62.6235,
84.3387

■ 14.4016, 9.1501,
2.4168

■ 58.0718, 70.4524,
97.2461

■ 13.7509, 8.1121,
1.3879

■ 63.3115, 78.5203,
106.4268

■ 13.3147, 7.3874,
0.7873

■ 66.7591, 85.4155,
107.5760

Harmonies

Analogous

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



27.3240, 27.5892, 29.8128



27.1340, 27.5892, 28.3212



26.6998, 27.5892, 27.3186

Triad

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



27.1340, 27.5892, 28.3212



25.2544, 27.5892, 28.7021



26.3023, 27.5892, 33.2594

Complementary

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



27.1340, 27.5892, 28.3212



27.2213, 29.5683, 33.9788

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.



25.7513, 27.5892, 32.9363



27.1340, 27.5892, 28.3212



25.1514, 27.5892, 30.2682

Square

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



27.1340, 27.5892, 28.3212



25.6155, 27.5892, 27.5329



25.3320, 27.5892, 31.8269



26.8394, 27.5892, 32.6947

Rectangle

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



27.1340, 27.5892, 28.3212



26.3332, 27.5892, 27.0425



25.3320, 27.5892, 31.8269



26.1125, 27.5892, 33.2511

Sweetspot

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



27.1348, 27.5904, 28.3218



50.9116, 52.9424, 56.5145



27.6910, 27.3447, 32.6943



11.4726, 11.8941, 12.6304



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.1348, 27.5904, 28.3218



47.0323, 47.4832, 48.1325



28.1134, 29.5476, 28.6480



6.2818, 6.3687, 6.5040



11.1368, 6.1560, 0.6013



0.1836, 0.1263, 0.0147

Inverse Universe

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



27.2213, 29.5683, 33.9788



47.2123, 51.5991, 59.9049



26.2206, 27.5669, 33.6452



6.3035, 6.8644, 7.9217



11.3068, 15.0103, 27.2090



0.1883, 0.2629, 0.4132

Previews

White Background



This preview shows how the XYZ color 27.1340, 27.5892, 28.3212 looks on a white background.

Color Contrast Check

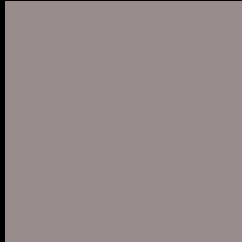
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1340, 27.5892, 28.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

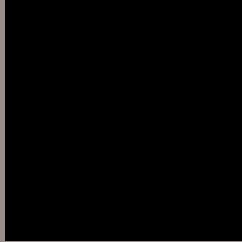
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1340, 27.5892, 28.3212

Background



This preview shows how black text looks on a background with the XYZ color 27.1340, 27.5892, 28.3212.



This preview shows how white text looks on a background with the XYZ color 27.1340, 27.5892,

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

27.1340, 27.5892, 28.3212

Protanopia

26.5887, 27.7414, 28.7642

Deuteranopia

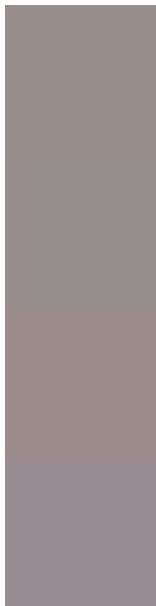
28.1909, 27.7002, 28.2870



Tritanopia

28.0641, 27.5373, 32.6903

Trichromacy



Original Color

27.1340, 27.5892, 28.3212

Protanomaly

26.8011, 27.6290, 28.7313

Deuteranomaly

27.7486, 27.6882, 28.3079

Tritanomaly

27.7033, 27.6038, 31.0621

Monochromacy



Original Color

27.1340, 27.5892, 28.3212

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7376, 27.8010, 29.5481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1340, 27.5892, 28.3212 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(152, 141, 139) looks like.

```
.text, #text, p{  
    color:rgb(152, 141, 139)  
}
```

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(152, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 141, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.1340, 27.5892, 28.3212 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(152, 141, 139) }
```


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

```
.border{ border-color:rgb(152, 141, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(152, 141,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1340, 27.5892, 28.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 141, 139) }
```

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

```
.background{ background-color: rgb(152,  
141, 139) }
```

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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