

Converting Colors

XYZ(27.8744, 27.2196, 28.5758)

Have a look what the booklet for
XYZ(27.8744, 27.2196, 28.5758)
contains.

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Color

**XYZ(27.9227, 27.3395,
28.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8A8C
RGB	158, 138, 140
RGB Percent	62%, 54%, 55%
CMY	0.3804, 0.4588, 0.4510
CMYK	0.00, 0.13, 0.11, 0.38
HSL	354°, 9%, 58%
HSV	354°, 13%, 62%
XYZ	27.9227, 27.3395, 28.6163
YIQ	144.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

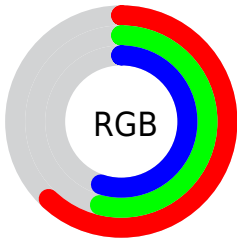
Format	Color
R _Y B	158, 138, 140
Decimal	10390156
CIE Lab	59.29, 7.87, 1.70
CIE LCh	59, 8.053, 12.159
Yxy	27.3395, 0.3329, 0.3259
Android (android.graphics.Color)	4288580236 (0xFF9E8A8C)
YUV	144.2080, -2.0745, 12.0956
Hunter-Lab	52.2872, 3.8210, 4.1522

Details

The XYZ color **27.9227, 27.3395, 28.6163** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.7100, 32.2581, 36.1674**, and the grayscale version is **26.5986, 27.9838, 30.4744**.

A 20% lighter version of the original color is **55.6970, 55.2580, 58.1824**, and **11.2790, 10.7818, 11.1595** is the 20% darker color. If you saturate the color by 10%, you get **24.8370, 22.7390, 22.7440**, and if you desaturate by 10%, it is **31.4753, 32.6562, 35.3137**.

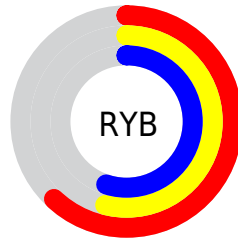
Distribution



Red (62%)

Green (54%)

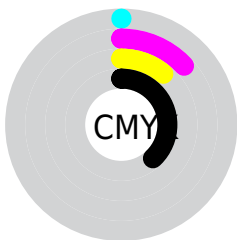
Blue (55%)



Red (62%)

Yellow (54%)

Blue (55%)

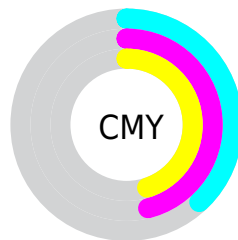


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9227, 27.3395, 28.6163 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 27.9227, 27.3395, 28.6163 by changing the saturation by 10% instead.

■ 27.9227, 27.3395,
28.6163

■ 27.9227, 27.3395,
28.6163

284.1841,
289.2972, 309.4043

■ 18.4076, 17.8284,
18.5477

■ 55.7705, 55.4282,
58.5018

■ 11.3444, 10.8268,
11.1704

■ 74.8339, 74.7745,
79.1557

■ 6.3680, 5.9505,
6.0660

■ 97.8107, 98.1680,
104.1752

■ 3.1129, 2.8150,
2.8158

125.0664,
125.9931, 133.9787

■ 1.2137, 1.0359,
1.0014

156.9662,
158.6342, 168.9849

■ 0.1172, 0.0000,
0.0000

193.8755,

■ 0.0000, 0.0000,

196.4756, 209.6122

0.0000

236.1597,
239.9018, 256.2791

■ 27.9227, 27.3395,
28.6163

■ 27.9227, 27.3395,
28.6163

■ 24.8370, 22.7390,
22.7440

■ 31.4753, 32.6562,
35.3137

■ 22.1965, 18.8206,
17.6631

■ 35.5108, 38.7142,
42.8645

■ 19.9813, 15.5531,
13.3402

■ 40.0470, 45.5415,
51.2980

■ 18.1692, 12.9010,
9.7390

■ 45.1004, 53.1639,
60.6414

■ 16.7357, 10.8258,
6.8200

■ 50.6865, 61.6058,
70.9208

■ 15.6537, 9.2844,
4.5400

■ 56.8204, 70.8908,
82.1613

■ 14.8926, 8.2279,
2.8508

■ 63.5165, 81.0412,
94.3870

■ 14.4164, 7.5982,
1.6973

■ 67.7145, 85.9307,
106.5965

■ 14.1926, 7.3060,
1.1438

■ 67.9108, 86.0092,
107.6299

Harmonies

Analogous

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



27.8707, 27.3395, 31.4979



27.9227, 27.3395, 28.6163



27.4459, 27.3395, 26.2022

Triad

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



27.9227, 27.3395, 28.6163



24.7085, 27.3395, 25.8472



25.3972, 27.3395, 35.3594

Complementary

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



27.9227, 27.3395, 28.6163



28.7100, 32.2581, 36.1674

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.



24.5776, 27.3395, 33.6436



27.9227, 27.3395, 28.6163



24.1871, 27.3395, 28.1028

Square

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



27.9227, 27.3395, 28.6163



25.5800, 27.3395, 24.6740



24.1398, 27.3395, 30.9503



26.3950, 27.3395, 35.5191

Rectangle

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



27.9227, 27.3395, 28.6163



26.8993, 27.3395, 25.1330



24.1398, 27.3395, 30.9503



25.0924, 27.3395, 34.9407

Sweetspot

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



27.9235, 27.3407, 28.6169



56.1885, 57.8494, 62.3064



28.9712, 27.7147, 36.1707



12.5582, 12.8781, 13.8410



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.



27.9235, 27.3407, 28.6169



49.1498, 47.3230, 49.0125



28.9678, 29.6629, 28.2449



6.6586, 6.6564, 7.0536



11.3742, 5.8542, 0.9554



0.2103, 0.1074, 0.0535

Inverse Universe

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



27.9235, 27.3407, 28.6169



49.1498, 47.3230, 49.0125



27.5602, 29.6856, 36.6255



6.6586, 6.6564, 7.0536



11.3742, 5.8542, 0.9554



0.2103, 0.1074, 0.0535

Previews

White Background



This preview shows how the XYZ color 27.9227, 27.3395, 28.6163 looks on a white background.

Color Contrast Check

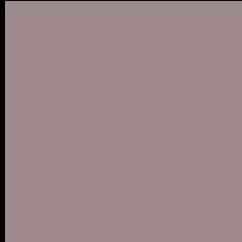
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9227, 27.3395, 28.6163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

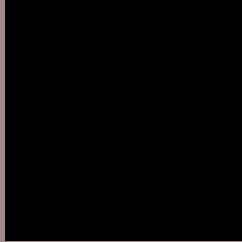
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9227, 27.3395, 28.6163

Background



This preview shows how black text looks on a background with the XYZ color 27.9227, 27.3395, 28.6163.



This preview shows how white text looks on a background with the XYZ color 27.9227, 27.3395,

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

27.9227, 27.3395, 28.6163

Protanopia

26.2325, 27.3187, 29.4816

Deuteranopia

27.9227, 27.3395, 28.6163



Tritanopia

28.5890, 27.4004, 31.7990

Trichromacy



Original Color

27.9227, 27.3395, 28.6163

Protanomaly

26.9103, 27.4569, 29.0807

Deuteranomaly

27.9227, 27.3395, 28.6163

Tritanomaly

28.3546, 27.3066, 30.5643

Monochromacy



Original Color

27.9227, 27.3395, 28.6163

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0254, 27.7187, 29.9125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9227, 27.3395, 28.6163 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(158, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 138, 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(158, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 138, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.9227, 27.3395, 28.6163 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(158, 138, 140) }
```


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

```
.border{ border-color:rgb(158, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(158, 138,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9227, 27.3395, 28.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 138, 140) }
```

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

```
.background{ background-color: rgb(158,  
138, 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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