

Converting Colors

XYZ(28.4490, 28.5564, 28.2862)

Have a look what the booklet for
XYZ(28.4490, 28.5564, 28.2862)
contains.

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Color

**XYZ(28.4338, 28.4792,
28.4245)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9E8E8B |
| RGB | 158, 142, 139 |
| RGB Percent | 62%, 56%, 55% |
| CMY | 0.3804, 0.4431, 0.4549 |
| CMYK | 0.00, 0.10, 0.12, 0.38 |
| HSL | 9°, 9%, 58% |
| HSV | 9°, 12%, 62% |
| XYZ | 28.4338, 28.4792, 28.4245 |
| YIQ | 146.4420, 10.4990, 2.4590 |

Conversions

Conversions Part 2

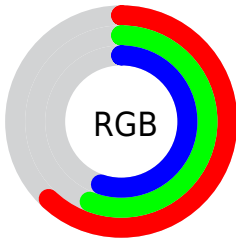
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 158, 143, 139 |
| Decimal | 10391179 |
| CIE Lab | 60.32, 5.44, 3.76 |
| CIE LCh | 60, 6.614, 34.668 |
| Yxy | 28.4792, 0.3332, 0.3337 |
| Android (android.graphics.Color) | 4288581259 (0xFF9E8E8B) |
| YUV | 146.4420, -3.6689, 10.1364 |
| Hunter-Lab | 53.3659, 1.7160, 5.7763 |

Details

The XYZ color **28.4338, 28.4792, 28.4245** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5403, 31.3998, 36.9047**, and the grayscale version is **27.5153, 28.9483, 31.5247**.

A 20% lighter version of the original color is **56.6949, 57.4318, 57.9665**, and **11.6937, 11.5014, 11.0549** is the 20% darker color. If you saturate the color by 10%, you get **25.4994, 24.3261, 22.1564**, and if you desaturate by 10%, it is **31.7729, 33.1740, 35.6515**.

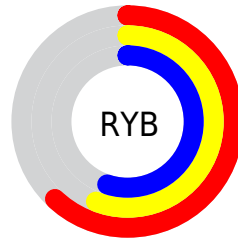
Distribution



Red (62%)

Green (56%)

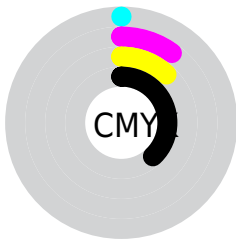
Blue (55%)



Red (62%)

Yellow (56%)

Blue (55%)

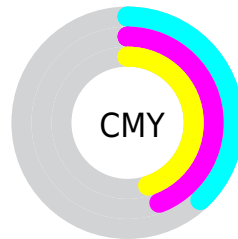


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4338, 28.4792, 28.4245 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 28.4338, 28.4792, 28.4245 by changing the saturation by 10% instead.

■ 28.4338, 28.4792,
28.4245

■ 28.4338, 28.4792,
28.4245

286.5766,
294.7497, 308.4653

■ 18.7950, 18.6872,
18.4041

■ 56.5801, 57.2486,
58.1927

■ 11.6254, 11.4445,
11.0680

■ 75.8183, 76.9948,
78.7776

■ 6.5595, 6.3666,
5.9979

■ 98.9871, 100.8278,
103.7210

■ 3.2321, 3.0693,
2.7750

126.4518,
129.1321, 133.4415

■ 1.2776, 1.1680,
0.9809

158.5778,
162.2921, 168.3576

■ 0.1664, 0.0353,
0.0000

195.7303,

■ 0.0000, 0.0000,

200.6920, 208.8880

0.0000

238.2748,
244.7164, 255.4510

■ 28.4338, 28.4792,
28.4245

■ 28.4338, 28.4792,
28.4245

■ 25.4994, 24.3261,
22.1564

■ 31.7729, 33.1740,
35.6515

■ 22.9519, 20.6916,
16.8049

■ 35.5289, 38.4252,
43.8733

■ 20.7758, 17.5564,
12.3277

■ 39.7165, 44.2516,
53.1265

■ 18.9534, 14.8984,
8.6779

■ 44.3488, 50.6700,
63.4451

■ 17.4657, 12.6942,
5.8047

■ 49.4384, 57.6963,
74.8615

■ 16.2919, 10.9181,
3.6514

■ 54.9975, 65.3462,
87.4069

■ 15.4086, 9.5418,
2.1535

■ 61.0377, 73.6344,
101.1112

■ 14.7891, 8.5337,
1.2351

■ 65.8498, 81.8872,
106.9429

■ 14.4478, 7.9632,
0.7756

■ 67.9107, 86.0092,
107.6299

Harmonies

Analogous

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



28.7288, 28.4792, 30.6300



28.4338, 28.4792, 28.4245



27.7732, 28.4792, 26.9717

Triad

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



28.4338, 28.4792, 28.4245



25.6195, 28.4792, 29.0511



27.2017, 28.4792, 35.9069

Complementary

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



28.4338, 28.4792, 28.4245



28.5403, 31.3998, 36.9047

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.



26.3760, 28.4792, 35.4303



28.4338, 28.4792, 28.4245



25.4737, 28.4792, 31.3911

Square

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



28.4338, 28.4792, 28.4245



26.1505, 28.4792, 27.3200



25.7479, 28.4792, 33.7456



28.0080, 28.4792, 35.0160

Rectangle

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



28.4338, 28.4792, 28.4245



27.2206, 28.4792, 26.5824



25.7479, 28.4792, 33.7456



26.9172, 28.4792, 35.9017

Sweetspot

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



28.4346, 28.4805, 28.4251



56.3932, 58.4118, 61.9028



29.2626, 28.1064, 34.9596



12.6120, 13.0260, 13.7349



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.



28.4346, 28.4805, 28.4251



50.3752, 49.9395, 48.9108



29.8842, 31.3797, 28.9083



6.7135, 6.8071, 6.9457



11.5910, 6.4176, 0.6278



0.2282, 0.1566, 0.0182

Inverse Universe

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



28.5403, 31.3998, 36.9047



50.5993, 56.1362, 66.9120



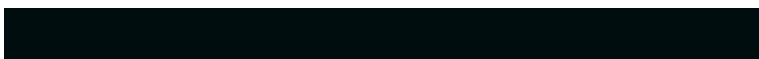
27.0444, 28.4080, 36.4061



6.7325, 7.3308, 8.4668



11.6871, 15.4657, 28.2764



0.2308, 0.3202, 0.5129

Previews

White Background



This preview shows how the XYZ color 28.4338, 28.4792, 28.4245 looks on a white background.

Color Contrast Check

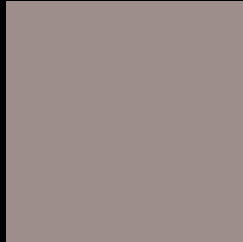
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4338, 28.4792, 28.4245 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

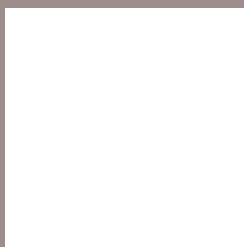
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4338, 28.4792, 28.4245

Background



This preview shows how black text looks on a background with the XYZ color 28.4338, 28.4792, 28.4245.



This preview shows how white text looks on a background with the XYZ color 28.4338, 28.4792,

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

28.4338, 28.4792, 28.4245

Protanopia

27.3275, 28.5634, 29.2723

Deuteranopia

29.0854, 28.5952, 28.4126



Tritanopia

29.4612, 28.4641, 33.2195

Trichromacy



Original Color

28.4338, 28.4792, 28.4245

Protanomaly

27.6558, 28.5154, 28.8573

Deuteranomaly

28.8830, 28.4909, 28.4031

Tritanomaly

29.0894, 28.5273, 31.5769

Monochromacy



Original Color

28.4338, 28.4792, 28.4245

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6610, 28.7180, 30.0718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4338, 28.4792, 28.4245 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, 142, 139) looks like.

```
.text, #text, p{  
    color:rgb(158, 142, 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(158, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 142, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.4338, 28.4792, 28.4245 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, 142, 139) }
```


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

```
.border{ border-color:rgb(158, 142, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(158, 142,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4338, 28.4792, 28.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 142, 139) }
```

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

```
.background{ background-color: rgb(158,  
142, 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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