

Converting Colors

XYZ(27.7864, 25.8400, 29.9395)

Have a look what the booklet for
XYZ(27.7864, 25.8400, 29.9395)
contains.

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Color

**XYZ(27.6475, 25.7198,
29.8928)**

Conversions

Conversions Part 1

Format	Color
Hex	A08390
RGB	160, 131, 144
RGB Percent	63%, 51%, 56%
CMY	0.3725, 0.4863, 0.4353
CMYK	0.00, 0.18, 0.10, 0.37
HSL	333°, 13%, 57%
HSV	333°, 18%, 63%
XYZ	27.6475, 25.7198, 29.8928
YIQ	141.1530, 13.1110, 10.1910

Conversions

Conversions Part 2

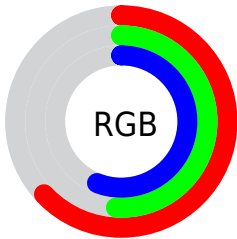
Format	Color
RYB	160, 131, 144
Decimal	10519440
CIELab	57.77, 13.32, -2.80
CIElCh	58, 13.606, 348.138
Yxy	25.7198, 0.3321, 0.3089
Android (android.graphics.Color)	4288709520 (0xFFA08390)
YUV	141.1530, 1.4036, 16.5288
Hunter-Lab	50.7147, 8.5599, 0.5529

Details

The XYZ color **27.6475, 25.7198, 29.8928** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.1983, 32.0741, 32.3626**, and the grayscale version is **25.3691, 26.6903, 29.0657**.

A 20% lighter version of the original color is **55.3579, 52.8053, 60.7008**, and **11.1472, 9.8812, 11.9094** is the 20% darker color. If you saturate the color by 10%, you get **25.0138, 21.4901, 25.8150**, and if you desaturate by 10%, it is **30.6673, 30.6366, 34.3603**.

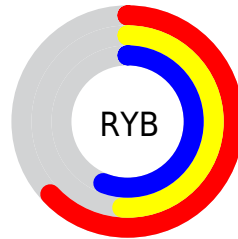
Distribution



Red (63%)

Green (51%)

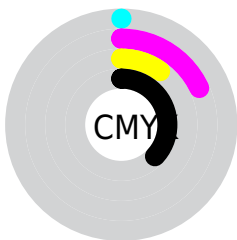
Blue (56%)



Red (63%)

Yellow (51%)

Blue (56%)

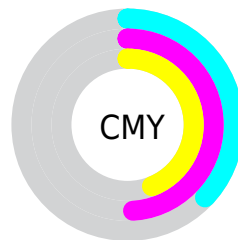


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (37%)



Cyan (37%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6475, 25.7198, 29.8928 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 27.6475, 25.7198, 29.8928 by changing the saturation by 10% instead.

■ 27.6475, 25.7198,
29.8928

■ 27.6475, 25.7198,
29.8928

282.8894,
281.4039, 315.5962

■ 18.1992, 16.6141,
19.5059

■ 55.3338, 52.8226,
60.5516

■ 11.1937, 9.9598,
11.8559

■ 74.3024, 71.5885,
81.6606

■ 6.2655, 5.3723,
6.5243

■ 97.1753, 94.3432,
107.1806

■ 3.0494, 2.4673,
3.0925

124.3176,
121.4713, 137.5303

■ 1.1799, 0.8602,
1.1421

156.0949,
153.3569, 173.1282

■ 0.0904, 0.0000,
0.0000

192.8723,

■ 0.0000, 0.0000,

190.3847, 214.3927

0.0000

235.0154,
232.9389, 261.7426

■ 27.6475, 25.7198,
29.8928

■ 27.6475, 25.7198,
29.8928

■ 25.0138, 21.4901,
25.8150

■ 30.6673, 30.6366,
34.3603

■ 22.7476, 17.9133,
22.1140

■ 34.0864, 36.2659,
39.2266

■ 20.8321, 14.9573,
18.7781

■ 37.9200, 42.6362,
44.5028

■ 19.2482, 12.5858,
15.7947

■ 42.1819, 49.7731,
50.1988

■ 17.9747, 10.7590,
13.1501

■ 46.8851, 57.7013,
56.3242

■ 16.9881, 9.4318,
10.8295

■ 52.0423, 66.4440,
62.8882

■ 16.2609, 8.5518,
8.8166

■ 57.6654, 76.0239,
69.8999

■ 15.7449, 8.0248,
7.0876

■ 62.4753, 83.8808,
76.9377

■ 15.6577, 7.9378,
6.7894

■ 63.6382, 84.3460,
83.0616

Harmonies

Analogous

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



26.8584, 25.7198, 34.4406



27.6475, 25.7198, 29.8928



27.5511, 25.7198, 25.2987

Triad

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



27.6475, 25.7198, 29.8928



23.4819, 25.7198, 20.3024



22.4109, 25.7198, 35.2455

Complementary

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



27.6475, 25.7198, 29.8928



27.1983, 32.0741, 32.3626

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.



21.5833, 25.7198, 30.8967



27.6475, 25.7198, 29.8928



22.1824, 25.7198, 22.4248

Square

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



27.6475, 25.7198, 29.8928



25.0966, 25.7198, 20.0975



21.5015, 25.7198, 26.1974



23.8065, 25.7198, 37.7531

Rectangle

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



27.6475, 25.7198, 29.8928



26.9982, 25.7198, 22.8127



21.5015, 25.7198, 26.1974



22.0598, 25.7198, 33.9296

Sweetspot

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



27.6482, 25.7209, 29.8933



57.4836, 58.5812, 64.9847



26.4861, 24.9704, 36.6817



12.5199, 12.7047, 14.1271



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.



27.6482, 25.7209, 29.8933



48.0595, 43.2479, 51.0068



26.9072, 25.7383, 25.0240



6.7504, 6.6931, 7.5369



12.2187, 6.1920, 5.4027



0.2395, 0.1191, 0.2073

Inverse Universe

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



27.6482, 25.7209, 29.8933



48.0595, 43.2479, 51.0068



28.0269, 32.0057, 37.9584



6.7504, 6.6931, 7.5369



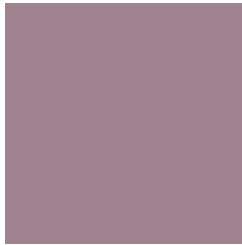
12.2187, 6.1920, 5.4027



0.2395, 0.1191, 0.2073

Previews

White Background



This preview shows how the XYZ color 27.6475, 25.7198, 29.8928 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 27.6475, 25.7198, 29.8928 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 27.6475, 25.7198, 29.8928

Background



This preview shows how black text looks on a background with the XYZ color 27.6475, 25.7198, 29.8928.



This preview shows how white text looks on a background with the XYZ color 27.6475, 25.7198,

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

27.6475, 25.7198, 29.8928

Protanopia

25.0812, 25.8040, 31.6757

Deuteranopia

26.1996, 25.7951, 29.5847



Tritanopia

27.4960, 25.6592, 29.0947

Trichromacy



Original Color

27.6475, 25.7198, 29.8928

Protanomaly

25.9631, 25.6376, 31.1839

Deuteranomaly

26.8094, 25.9034, 29.5734

Tritanomaly

27.5714, 25.6894, 29.4920

Monochromacy



Original Color

27.6475, 25.7198, 29.8928

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0409, 26.1402, 29.2642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6475, 25.7198, 29.8928 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, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(160, 131, 144)  
}
```

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, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 131, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.6475, 25.7198, 29.8928 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, 131, 144) }
```


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

```
.border{ border-color:rgb(160, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 131, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 131, 144); box-shadow:4px 4px 4px 4px rgb(160, 131, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6475, 25.7198, 29.8928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 131, 144) }
```

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

```
.background{ background-color: rgb(160,  
131, 144) }
```

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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