

Converting Colors

XYZ(27.1173, 24.9158, 29.0308)

Have a look what the booklet for
XYZ(27.1173, 24.9158, 29.0308)
contains.

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Color

**XYZ(27.0989, 24.8649,
28.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	A0808E
RGB	160, 128, 142
RGB Percent	63%, 50%, 56%
CMY	0.3725, 0.4980, 0.4431
CMYK	0.00, 0.20, 0.11, 0.37
HSL	334°, 14%, 56%
HSV	334°, 20%, 63%
XYZ	27.0989, 24.8649, 28.9623
YIQ	139.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

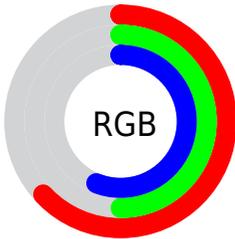
Format	Color
R _Y B	160, 128, 142
Decimal	10518670
CIE Lab	56.94, 14.67, -2.86
CIE LCh	57, 14.949, 348.974
Yxy	24.8649, 0.3349, 0.3073
Android (android.graphics.Color)	4288708750 (0xFFA0808E)
YUV	139.1640, 1.3981, 18.2732
Hunter-Lab	49.8647, 9.7423, 0.4686

Details

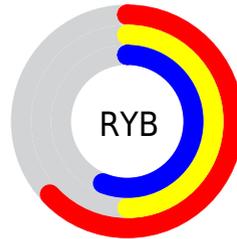
The XYZ color **27.0989, 24.8649, 28.9623** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.6622, 31.8069, 31.9298**, and the grayscale version is **24.5952, 25.8761, 28.1790**.

A 20% lighter version of the original color is **54.5120, 51.4803, 59.2882**, and **10.9121, 9.5528, 11.3940** is the 20% darker color. If you saturate the color by 10%, you get **24.5256, 20.7563, 24.9040**, and if you desaturate by 10%, it is **30.0573, 29.6558, 33.4188**.

Distribution



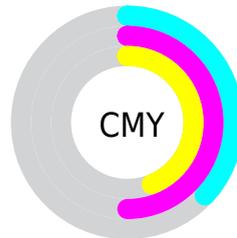
- Red (63%)
- Green (50%)
- Blue (56%)



- Red (63%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (37%)



- Cyan (37%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0989, 24.8649, 28.9623 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 27.0989, 24.8649, 28.9623 by changing the saturation by 10% instead.

■ 27.0989, 24.8649,
28.9623

■ 27.0989, 24.8649,
28.9623

280.2945,
277.1645, 311.0924

■ 17.7845, 15.9764,
18.8070

■ 54.4613, 51.4380,
59.0587

■ 10.8941, 9.5075,
11.3555

■ 73.2400, 69.8914,
79.8368

■ 6.0624, 5.0736,
6.1893

■ 95.9042, 92.3018,
104.9929

■ 2.9241, 2.2905,
2.8899

122.8191,
119.0538, 134.9455

■ 1.1138, 0.7687,
1.0387

154.3503,
150.5317, 170.1133

■ 0.0366, 0.0000,
0.0000

190.8630,

■ 0.0000, 0.0000,

187.1198, 210.9146

0.0000

232.7226,
229.2026, 257.7682

■ 27.0989, 24.8649,
28.9623

■ 27.0989, 24.8649,
28.9623

■ 24.5256, 20.7563,
24.9040

■ 30.0573, 29.6558,
33.4188

■ 22.3186, 17.2953,
21.2305

■ 33.4143, 35.1548,
38.2834

■ 20.4607, 14.4493,
17.9297

■ 37.1853, 41.3906,
43.5672

■ 18.9324, 12.1814,
14.9883

■ 41.3843, 48.3893,
49.2807

■ 17.7120, 10.4509,
12.3920

■ 46.0245, 56.1756,
55.4339

■ 16.7753, 9.2114,
10.1253

■ 51.1187, 64.7731,
62.0365

■ 16.0938, 8.4088,
8.1709

■ 56.6791, 74.2046,
69.0978

■ 15.6027, 7.9159,
6.4988

■ 62.3961, 83.8491,
76.5197

■ 15.6027, 7.9158,
6.4986

■ 63.5779, 84.3219,
82.7433

Harmonies

Analogous

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



26.2688, 24.8649, 33.9179



27.0989, 24.8649, 28.9623



26.9666, 24.8649, 24.0544

Triad

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



27.0989, 24.8649, 28.9623



22.5541, 24.8649, 18.9318



21.4890, 24.8649, 35.0296

Complementary

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



27.0989, 24.8649, 28.9623



26.6622, 31.8069, 31.9298

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.



20.5867, 24.8649, 30.3355



27.0989, 24.8649, 28.9623



21.1804, 24.8649, 21.2182

Square

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



27.0989, 24.8649, 28.9623



24.2839, 24.8649, 18.6602



20.4766, 24.8649, 25.2689



22.9945, 24.8649, 37.6982

Rectangle

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



27.0989, 24.8649, 28.9623



26.3521, 24.8649, 21.4441



20.4766, 24.8649, 25.2689



21.1083, 24.8649, 33.6111

Sweetspot

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



27.0996, 24.8660, 28.9628



56.8536, 57.5664, 64.0182



25.8484, 24.0520, 36.5383



12.3904, 12.4968, 13.9258



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.



27.0996, 24.8660, 28.9628



47.0335, 41.6681, 49.2093



26.3239, 24.8923, 23.8406



6.7475, 6.6919, 7.5216



12.1755, 6.1748, 5.1751



0.2386, 0.1188, 0.2025

Inverse Universe

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



27.0996, 24.8660, 28.9628



47.0335, 41.6681, 49.2093



27.5433, 31.7184, 37.9288



6.7475, 6.6919, 7.5216



12.1755, 6.1748, 5.1751



0.2386, 0.1188, 0.2025

Previews

White Background



This preview shows how the XYZ color 27.0989, 24.8649, 28.9623 looks on a white background.

Color Contrast Check

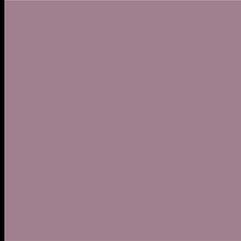
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0989, 24.8649, 28.9623 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 27.0989, 24.8649, 28.9623

Background



This preview shows how black text looks on a background with the XYZ color 27.0989, 24.8649, 28.9623.



This preview shows how white text looks on a background with the XYZ color 27.0989, 24.8649,

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

27.0989, 24.8649, 28.9623

Protanopia

24.2240, 24.9491, 31.1427

Deuteranopia

25.4080, 24.9940, 28.6845



Tritanopia

27.0077, 25.0382, 27.8355

Trichromacy



Original Color

27.0989, 24.8649, 28.9623

Protanomaly

25.1754, 24.8391, 30.2556

Deuteranomaly

25.8729, 24.8311, 28.6285

Tritanomaly

27.0811, 25.0675, 28.2221

Monochromacy



Original Color

27.0989, 24.8649, 28.9623

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.4302, 25.4244, 28.3780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0989, 24.8649, 28.9623 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, 128, 142)` looks like.

```
.text, #text, p{  
    color:rgb(160, 128, 142)  
}
```

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, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 128, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.0989, 24.8649, 28.9623 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, 128, 142) }
```


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

```
.border{ border-color:rgb(160, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(160, 128,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0989, 24.8649, 28.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 128, 142) }
```

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

```
.background{ background-color: rgb(160,  
128, 142) }
```

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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