

Converting Colors

XYZ(27.8791, 27.6982, 35.0325)

Have a look what the booklet for
XYZ(27.8791, 27.6982, 35.0325)
contains.

XYZ(27.8722, 27.6068, 34.8700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.8722, 27.6068,
34.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	968C9B
RGB	150, 140, 155
RGB Percent	59%, 55%, 61%
CMY	0.4118, 0.4510, 0.3922
CMYK	0.03, 0.10, 0.00, 0.39
HSL	280°, 7%, 58%
HSV	280°, 10%, 61%
XYZ	27.8722, 27.6068, 34.8700
YIQ	144.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

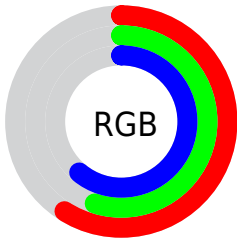
Format	Color
R_{YB}	150, 140, 155
Decimal	9866395
CIE Lab	59.53, 6.62, -6.61
CIE LCh	60, 9.351, 315.047
Yxy	27.6068, 0.3085, 0.3056
Android (android.graphics.Color)	4288056475 (0xFF968C9B)
YUV	144.7000, 5.0779, 4.6481
Hunter-Lab	52.5422, 2.7406, -2.5687

Details

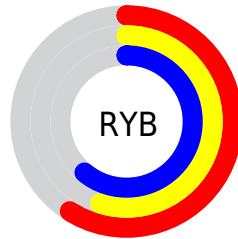
The XYZ color **27.8722, 27.6068, 34.8700** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1331, 31.3566, 29.3820**, and the grayscale version is **26.7724, 28.1667, 30.6735**.

A 20% lighter version of the original color is **55.7022, 56.0244, 68.1996**, and **11.3004, 10.9645, 14.6175** is the 20% darker color. If you saturate the color by 10%, you get **24.8352, 22.9131, 34.1245**, and if you desaturate by 10%, it is **31.2718, 32.9626, 35.7250**.

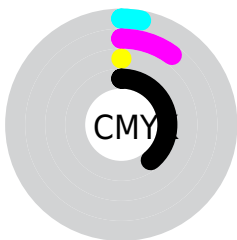
Distribution



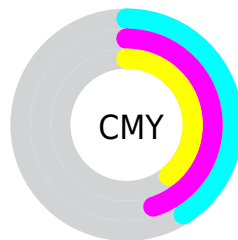
- Red (59%)
- Green (55%)
- Blue (61%)



- Red (59%)
- Yellow (55%)
- Blue (61%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8722, 27.6068, 34.8700 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 27.8722, 27.6068, 34.8700 by changing the saturation by 10% instead.

■ 27.8722, 27.6068,
34.8700

■ 27.8722, 27.6068,
34.8700

283.9469,
290.5833, 338.8810

■ 18.3693, 18.0295,
23.2800

■ 55.6904, 55.8561,
68.4336

■ 11.3167, 10.9711,
14.5932

■ 74.7364, 75.2968,
91.2443

■ 6.3492, 6.0474,
8.3909

■ 97.6942, 98.7941,
118.6323

■ 3.1012, 2.8739,
4.2548

124.9291,
126.7324, 151.0162

■ 1.2075, 1.0663,
1.7661

156.8065,
159.4961, 188.8144

■ 0.1123, 0.0000,
0.4055

193.6917,

■ 0.0000, 0.0000,

197.4695, 232.4456

0.0000

235.9500,
241.0371, 282.3283

■ 27.8722, 27.6068,
34.8700

■ 27.8722, 27.6068,
34.8700

■ 24.8352, 22.9131,
34.1245

■ 31.2718, 32.9626,
35.7250

■ 22.1446, 18.8511,
33.4823

■ 35.0446, 39.0021,
36.6919

■ 19.7864, 15.3934,
32.9392

■ 39.2037, 45.7506,
37.7753

■ 17.7449, 12.5090,
32.4900

■ 43.7609, 53.2306,
38.9789

■ 16.0026, 10.1642,
32.1292

■ 48.7274, 61.4639,
40.3063

■ 14.5405, 8.3216,
31.8507

■ 54.1139, 70.4713,
41.7610

■ 13.3370, 6.9390,
31.6472

■ 59.9309, 80.2727,
43.3463

■ 12.3670, 5.9671,
31.5107

■ 63.2480, 85.0071,
44.0853

■ 11.5724, 5.2904,
31.4220

■ 64.5737, 85.6905,
44.1473

Harmonies

Analogous

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



26.8308, 27.6068, 36.7559



27.8722, 27.6068, 34.8700



28.4850, 27.6068, 31.7610

Triad

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



27.8722, 27.6068, 34.8700



26.8272, 27.6068, 24.2272



24.1160, 27.6068, 31.7716

Complementary

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



27.8722, 27.6068, 34.8700



28.1331, 31.3566, 29.3820

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.



24.1151, 27.6068, 28.4191



27.8722, 27.6068, 34.8700



25.6568, 27.6068, 24.2296

Square

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



27.8722, 27.6068, 34.8700



27.8695, 27.6068, 25.7057



24.6717, 27.6068, 25.7124



24.6742, 27.6068, 34.8783

Rectangle

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



27.8722, 27.6068, 34.8700



28.5566, 27.6068, 29.4931



24.6717, 27.6068, 25.7124



24.0511, 27.6068, 30.6323

Sweetspot

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



27.8730, 27.6080, 34.8706



53.8708, 55.6526, 63.4390



26.8964, 28.2705, 35.0500



12.0851, 12.4257, 14.3318



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.8730, 27.6080, 34.8706



48.4645, 47.1806, 62.0887



28.6256, 28.0176, 33.9287



6.2610, 6.2204, 7.7996



9.3165, 4.2539, 25.2377



0.1774, 0.0833, 0.3791

Inverse Universe

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



28.0075, 27.7703, 30.6735



48.7776, 47.5503, 52.6919



27.4389, 30.9794, 30.2244



6.2895, 6.2550, 6.9047



11.3656, 5.8005, 3.1842



0.1856, 0.0930, 0.1302

Previews

White Background



This preview shows how the XYZ color 27.8722, 27.6068, 34.8700 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 27.8722, 27.6068, 34.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

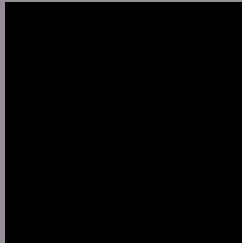
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8722, 27.6068, 34.8700

Background



This preview shows how black text looks on a background with the XYZ color 27.8722, 27.6068, 34.8700.



This preview shows how white text looks on a background with the XYZ color 27.8722, 27.6068,

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

27.8722, 27.6068, 34.8700

Protanopia

26.8291, 27.4971, 35.3459

Deuteranopia

28.0979, 27.5072, 34.8388



Tritanopia

27.5868, 27.7063, 33.5996

Trichromacy



Original Color

27.8722, 27.6068, 34.8700

Protanomaly

27.2027, 27.4698, 35.3210

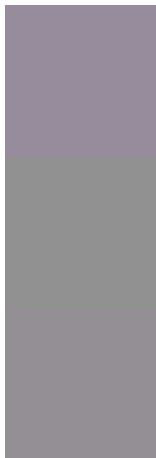
Deuteranomaly

27.9115, 27.4111, 34.8301

Tritanomaly

27.6691, 27.7392, 34.0329

Monochromacy



Original Color

27.8722, 27.6068, 34.8700

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2799, 28.0179, 32.4040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8722, 27.6068, 34.8700 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(150, 140, 155)` looks like.

```
.text, #text, p{  
    color:rgb(150, 140, 155)  
}
```

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(150, 140, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 140, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.8722, 27.6068, 34.8700 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(150, 140, 155) }
```


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

```
.border{ border-color:rgb(150, 140, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 140, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 140, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 140, 155);  
box-shadow:4px 4px 4px 4px rgb(150, 140,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8722, 27.6068, 34.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 140, 155) }
```

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

```
.background{ background-color: rgb(150,  
140, 155) }
```

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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