

Converting Colors

XYZ(27.7781, 28.1233, 34.9017)

Have a look what the booklet for
XYZ(27.7781, 28.1233, 34.9017)
contains.

XYZ(27.7715, 28.2145, 34.9926)	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(27.7715, 28.2145,
34.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	938F9B
RGB	147, 143, 155
RGB Percent	58%, 56%, 61%
CMY	0.4235, 0.4392, 0.3922
CMYK	0.05, 0.08, 0.00, 0.39
HSL	260°, 6%, 58%
HSV	260°, 8%, 61%
XYZ	27.7715, 28.2145, 34.9926
YIQ	145.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

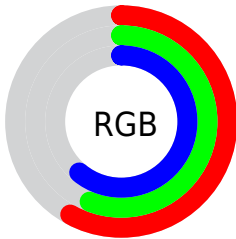
Format	Color
R_{YB}	147, 143, 155
Decimal	9670555
CIE _{Lab}	60.08, 3.85, -5.82
CIE _{LCh}	60, 6.974, 303.461
Yxy	28.2145, 0.3053, 0.3101
Android (android.graphics.Color)	4287860635 (0xFF938F9B)
YUV	145.5640, 4.6519, 1.2594
Hunter-Lab	53.1173, 0.3704, -1.8769

Details

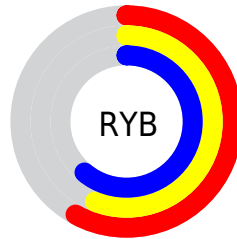
The XYZ color **27.7715, 28.2145, 34.9926** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.4428, 32.0059, 30.6139**, and the grayscale version is **27.1260, 28.5387, 31.0786**.

A 20% lighter version of the original color is **55.5623, 56.9535, 68.3863**, and **11.2369, 11.3150, 14.6885** is the 20% darker color. If you saturate the color by 10%, you get **23.8330, 22.9659, 34.1875**, and if you desaturate by 10%, it is **32.1997, 34.1944, 35.9139**.

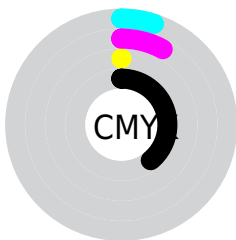
Distribution



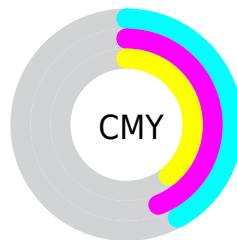
- Red (58%)
- Green (56%)
- Blue (61%)



- Red (58%)
- Yellow (56%)
- Blue (61%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7715, 28.2145, 34.9926 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 27.7715, 28.2145, 34.9926 by changing the saturation by 10% instead.

■ 27.7715, 28.2145,
34.9926

■ 27.7715, 28.2145,
34.9926

283.4734,
293.4905, 339.4389

■ 18.2931, 18.4874,
23.3737

■ 55.5306, 56.8267,
68.6257

■ 11.2616, 11.3005,
14.6618

■ 74.5420, 76.4806,
91.4770

■ 6.3116, 6.2693,
8.4384

■ 97.4618, 100.2123,
118.9095

■ 3.0779, 3.0095,
4.2849

124.6552,
128.4061, 151.3418

■ 1.1951, 1.1367,
1.7829

156.4878,
161.4464, 189.1923

■ 0.1025, 0.0091,
0.4167

193.3247,

■ 0.0000, 0.0000,

199.7176, 232.8796

0.0000

235.5315,
243.6042, 282.8223

■ 27.7715, 28.2145,
34.9926

■ 27.7715, 28.2145,
34.9926

■ 23.8330, 22.9659,
34.1875

■ 32.1997, 34.1944,
35.9139

■ 20.3642, 18.4165,
33.4922

■ 37.1318, 40.9289,
36.9538

■ 17.3474, 14.5372,
32.9025

■ 42.5841, 48.4446,
38.1171

■ 14.7629, 11.2954,
32.4129

■ 48.5719, 56.7658,
39.4077

■ 12.5891, 8.6556,
32.0180

■ 55.1094, 65.9157,
40.8292

■ 10.8028, 6.5789,
31.7113

■ 62.2107, 75.9167,
42.3853

■ 9.3779, 5.0217,
31.4858

■ 69.8889, 86.7901,
44.0794

■ 8.2848, 3.9332,
31.3333

■ 74.2072, 90.6568,
44.5982

■ 7.4751, 3.2265,
31.2396

■ 77.6170, 92.4146,
44.7578

Harmonies

Analogous

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



26.9205, 28.2145, 35.8760



27.7715, 28.2145, 34.9926



28.3770, 28.2145, 32.9625

Triad

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



27.7715, 28.2145, 34.9926



27.5888, 28.2145, 26.5423



25.1452, 28.2145, 31.0176

Complementary

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



27.7715, 28.2145, 34.9926



29.4428, 32.0059, 30.6139

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.



25.3153, 28.2145, 28.5831



27.7715, 28.2145, 34.9926



26.7139, 28.2145, 26.0848

Square

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



27.7715, 28.2145, 34.9926



28.2699, 28.2145, 28.0975



25.8847, 28.2145, 26.8116



25.4149, 28.2145, 33.5025

Rectangle

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



27.7715, 28.2145, 34.9926



28.5530, 28.2145, 31.2821



25.8847, 28.2145, 26.8116



25.1529, 28.2145, 30.1662

Sweetspot

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



27.7723, 28.2157, 34.9932



54.1481, 56.4720, 63.5826



28.3439, 30.4048, 35.3856



12.2782, 12.8119, 14.3962



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.



27.7723, 28.2157, 34.9932



48.6711, 49.1023, 62.4487



28.8389, 28.7655, 35.0431



6.0688, 6.1213, 7.7906



5.9123, 2.4989, 25.0784



0.1242, 0.0558, 0.3766

Inverse Universe

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



28.9269, 28.8491, 33.3232



51.1046, 50.4375, 58.9140



28.3925, 31.4645, 30.5647



6.3737, 6.2886, 7.3478



12.8560, 6.3966, 11.0327



0.2089, 0.1023, 0.2529

Previews

White Background



This preview shows how the XYZ color 27.7715, 28.2145, 34.9926 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 27.7715, 28.2145, 34.9926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

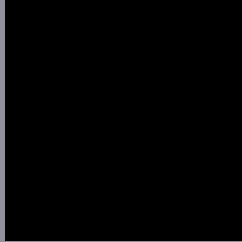
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7715, 28.2145, 34.9926

Background



This preview shows how black text looks on a background with the XYZ color 27.7715, 28.2145, 34.9926.



This preview shows how white text looks on a background with the XYZ color 27.7715, 28.2145,

34.9926.

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

27.7715, 28.2145, 34.9926

Protanopia

27.4756, 28.2761, 35.4622

Deuteranopia

28.7677, 28.2863, 34.9539



Tritanopia

27.6878, 28.1811, 34.5520

Trichromacy



Original Color

27.7715, 28.2145, 34.9926

Protanomaly

27.6511, 28.3666, 35.4704

Deuteranomaly

28.3519, 28.2919, 34.9769

Tritanomaly

27.6878, 28.1811, 34.5520

Monochromacy



Original Color

27.7715, 28.2145, 34.9926

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4043, 28.5317, 32.4966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7715, 28.2145, 34.9926 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(147, 143, 155)` looks like.

```
.text, #text, p{  
    color:rgb(147, 143, 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(147, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 143, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.7715, 28.2145, 34.9926 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(147, 143, 155) }
```


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

```
.border{ border-color:rgb(147, 143, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 143, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 143, 155);  
box-shadow:4px 4px 4px 4px rgb(147, 143,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7715, 28.2145, 34.9926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 143, 155) }
```

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

```
.background{ background-color: rgb(147,  
143, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor