

Converting Colors

XYZ(27.5018, 28.0797, 34.8967)

Have a look what the booklet for
XYZ(27.5018, 28.0797, 34.8967)
contains.

XYZ(27.5929, 28.1225, 34.9842)	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(27.5929, 28.1225,
34.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	928F9B
RGB	146, 143, 155
RGB Percent	57%, 56%, 61%
CMY	0.4274, 0.4392, 0.3922
CMYK	0.06, 0.08, 0.00, 0.39
HSL	255°, 6%, 58%
HSV	255°, 8%, 61%
XYZ	27.5929, 28.1225, 34.9842
YIQ	145.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

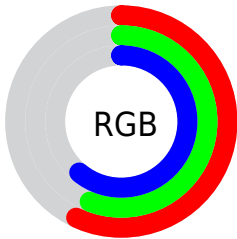
Format	Color
R_{YB}	146, 143, 155
Decimal	9605019
CIE Lab	60.00, 3.49, -5.95
CIE LCh	60, 6.898, 300.390
Yxy	28.1225, 0.3042, 0.3101
Android (android.graphics.Color)	4287795099 (0xFF928F9B)
YUV	145.2650, 4.7994, 0.6446
Hunter-Lab	53.0307, 0.0735, -1.9920

Details

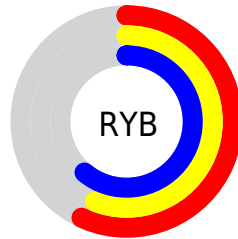
The XYZ color **27.5929, 28.1225, 34.9842** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.6293, 32.1020, 30.6227**, and the grayscale version is **27.0038, 28.4101, 30.9386**.

A 20% lighter version of the original color is **55.2943, 56.8153, 68.3737**, and **11.2369, 11.3150, 14.6885** is the 20% darker color. If you saturate the color by 10%, you get **23.4622, 22.7748, 34.1701**, and if you desaturate by 10%, it is **32.2570, 34.2240, 35.9165**.

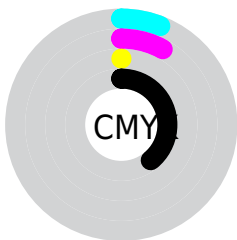
Distribution



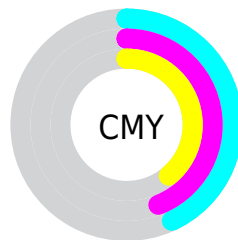
- Red (57%)
- Green (56%)
- Blue (61%)



- Red (57%)
- Yellow (56%)
- Blue (61%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (43%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5929, 28.1225, 34.9842 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 27.5929, 28.1225, 34.9842 by changing the saturation by 10% instead.

■ 27.5929, 28.1225,
34.9842

■ 27.5929, 28.1225,
34.9842

282.6320,
293.0518, 339.4007

■ 18.1579, 18.4180,
23.3672

■ 55.2470, 56.6800,
68.6126

■ 11.1638, 11.2505,
14.6571

■ 74.1969, 76.3017,
91.4611

■ 6.2452, 6.2356,
8.4351

■ 97.0490, 99.9981,
118.8905

■ 3.0368, 2.9889,
4.2829

124.1688,
128.1533, 151.3195

■ 1.1733, 1.1259,
1.7818

155.9217,
161.1519, 189.1664

■ 0.0851, 0.0000,
0.4159

192.6729,

■ 0.0000, 0.0000,

199.3783, 232.8499

0.0000

234.7879,
243.2168, 282.7885

■ 27.5929, 28.1225,
34.9842

■ 27.5929, 28.1225,
34.9842

■ 23.4622, 22.7748,
34.1701

■ 32.2570, 34.2240,
35.9165

■ 19.8431, 18.1479,
33.4678

■ 37.4705, 41.1036,
36.9696

■ 16.7159, 14.2117,
32.8729

■ 43.2515, 48.7887,
38.1483

■ 14.0585, 10.9323,
32.3799

■ 49.6167, 57.3045,
39.4565

■ 11.8473, 8.2732,
31.9832

■ 56.5821, 66.6750,
40.8981

10.0564, 6.1942,
31.6763

64.1631, 76.9233,
42.4767

8.6571, 4.6501,
31.4520

72.3744, 88.0715,
44.1957

7.6166, 3.5888,
31.3020

77.2804, 92.2411,
44.7419

6.8831, 2.9213,
31.2118

81.3339, 94.3308,
44.9316

Harmonies

Analogous

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



26.7411, 28.1225, 35.7152



27.5929, 28.1225, 34.9842



28.2246, 28.1225, 33.0726

Triad

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



27.5929, 28.1225, 34.9842



27.5726, 28.1225, 26.6059



25.0764, 28.1225, 30.6535

Complementary

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



27.5929, 28.1225, 34.9842



29.6293, 32.1020, 30.6227

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.



25.2883, 28.1225, 28.2929



27.5929, 28.1225, 34.9842



26.7181, 28.1225, 26.0351

Square

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



27.5929, 28.1225, 34.9842



28.2127, 28.1225, 28.2389



25.8845, 28.1225, 26.6359



25.2994, 28.1225, 33.1326

Rectangle

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



27.5929, 28.1225, 34.9842



28.4292, 28.1225, 31.4350



25.8845, 28.1225, 26.6359



25.0991, 28.1225, 29.8204

Sweetspot

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



27.5937, 28.1237, 34.9848



54.0592, 56.4262, 63.5784



28.5058, 30.7285, 35.4395



12.2592, 12.8022, 14.3953



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.



27.5937, 28.1237, 34.9848



48.2970, 48.9094, 62.4312



28.6513, 28.6689, 35.0343



6.0219, 6.0972, 7.7885



5.4466, 2.2589, 25.0566



0.1109, 0.0490, 0.3760

Inverse Universe

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



29.0085, 28.8818, 33.7531



51.2769, 50.5065, 59.8216



28.5699, 31.5559, 30.5732



6.3952, 6.2973, 7.4615



13.4180, 6.6214, 13.9922



0.2147, 0.1046, 0.2835

Previews

White Background



This preview shows how the XYZ color 27.5929, 28.1225, 34.9842 looks on a white background.

Color Contrast Check

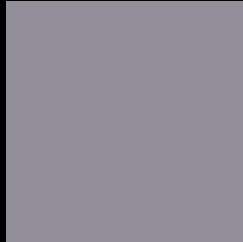
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5929, 28.1225, 34.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

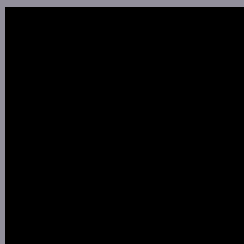
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

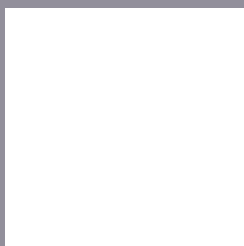
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5929, 28.1225, 34.9842

Background



This preview shows how black text looks on a background with the XYZ color 27.5929, 28.1225, 34.9842.



This preview shows how white text looks on a background with the XYZ color 27.5929, 28.1225,

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

27.5929, 28.1225, 34.9842

Protanopia

27.3913, 28.2424, 35.0180

Deuteranopia

28.7053, 28.0265, 35.3492



Tritanopia

27.5093, 28.0890, 34.5437

Trichromacy



Original Color

27.5929, 28.1225, 34.9842

Protanomaly

27.5667, 28.3328, 35.0262

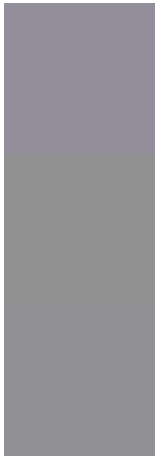
Deuteranomaly

28.2881, 28.0294, 35.3718

Tritanomaly

27.5093, 28.0890, 34.5437

Monochromacy



Original Color

27.5929, 28.1225, 34.9842

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0751, 28.1362, 32.4376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5929, 28.1225, 34.9842 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(146, 143, 155) looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 143, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.5929, 28.1225, 34.9842 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(146, 143, 155) }
```


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

```
.border{ border-color:rgb(146, 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(146, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 143, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 143, 155);  
box-shadow:4px 4px 4px 4px rgb(146, 143,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5929, 28.1225, 34.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 143, 155) }
```

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

```
.background{ background-color: rgb(146,  
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