

Converting Colors

XYZ(27.9982, 28.1936, 31.1604)

Have a look what the booklet for
XYZ(27.9982, 28.1936, 31.1604)
contains.

XYZ(27.9982, 28.1936, 31.1604)	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(27.9982, 28.1936,
31.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	998E92
RGB	153, 142, 146
RGB Percent	60%, 56%, 57%
CMY	0.4000, 0.4431, 0.4274
CMYK	0.00, 0.07, 0.05, 0.40
HSL	338°, 5%, 58%
HSV	338°, 7%, 60%
XYZ	27.9982, 28.1936, 31.1604
YIQ	145.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

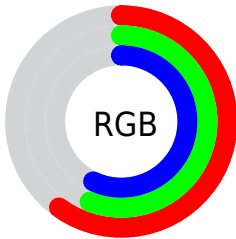
Format	Color
R_{YB}	153, 142, 146
Decimal	10063506
CIE _{Lab}	60.06, 4.83, -0.66
CIE _{LCh}	60, 4.871, 352.270
Yxy	28.1936, 0.3205, 0.3228
Android (android.graphics.Color)	4288253586 (0xFF998E92)
YUV	145.7450, 0.1257, 6.3626
Hunter-Lab	53.0976, 1.2015, 2.3740

Details

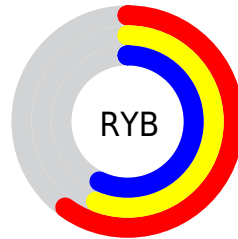
The XYZ color **27.9982, 28.1936, 31.1604** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9725, 30.7040, 32.8874**, and the grayscale version is **27.2159, 28.6332, 31.1816**.

A 20% lighter version of the original color is **55.8974, 56.9154, 62.6832**, and **11.4180, 11.3236, 12.6502** is the 20% darker color. If you saturate the color by 10%, you get **25.1508, 23.6597, 26.6316**, and if you desaturate by 10%, it is **31.2242, 33.3807, 36.1345**.

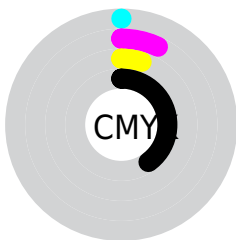
Distribution



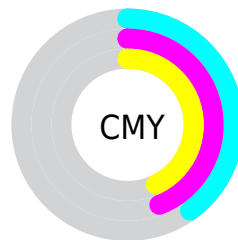
- Red (60%)
- Green (56%)
- Blue (57%)



- Red (60%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9982, 28.1936, 31.1604 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 27.9982, 28.1936, 31.1604 by changing the saturation by 10% instead.

■ 27.9982, 28.1936,
31.1604

■ 27.9982, 28.1936,
31.1604

284.5385,
293.3909, 321.6507

■ 18.4647, 18.4716,
20.4615

■ 55.8902, 56.7934,
62.5751

■ 11.3859, 11.2891,
12.5436

■ 74.9795, 76.4400,
84.1279

■ 6.3962, 6.2617,
6.9880

■ 97.9848, 100.1636,
110.1359

■ 3.1304, 3.0048,
3.3763

125.2714,
128.3487, 141.0174

■ 1.2231, 1.1343,
1.2898

157.2048,
161.3795, 177.1911

■ 0.1245, 0.0070,
0.0534

194.1502,

■ 0.0000, 0.0000,

199.6406, 219.0756

0.0000

236.4730,
243.5162, 267.0892

■ 27.9982, 28.1936,
31.1604

■ 27.9982, 28.1936,
31.1604

■ 25.1508, 23.6597,
26.6316

■ 31.2242, 33.3807,
36.1345

■ 22.6654, 19.7494,
22.5338

■ 34.8399, 39.2419,
41.5642

■ 20.5276, 16.4363,
18.8541

■ 38.8590, 45.8015,
47.4618

■ 18.7212, 13.6906,
15.5786

■ 43.2935, 53.0816,
53.8384

■ 17.2284, 11.4798,
12.6925

■ 48.1552, 61.1034,
60.7048

■ 16.0300, 9.7685,
10.1799

■ 53.4553, 69.8871,
68.0715

■ 15.1043, 8.5164,
8.0237

■ 59.2045, 79.4521,
75.9487

■ 14.4265, 7.6773,
6.2051

■ 62.3394, 83.6694,
83.3214

■ 13.9565, 7.1749,
4.6996

■ 63.6980, 84.2128,
90.4751

Harmonies

Analogous

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



27.7530, 28.1936, 32.8392



27.9982, 28.1936, 31.1604



27.9177, 28.1936, 29.4199

Triad

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



27.9982, 28.1936, 31.1604



26.3471, 28.1936, 27.6402



26.0729, 28.1936, 33.4837

Complementary

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



27.9982, 28.1936, 31.1604



27.9725, 30.7040, 32.8874

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.



25.7070, 28.1936, 32.0127



27.9982, 28.1936, 31.1604



25.8636, 28.1936, 28.6521

Square

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



27.9982, 28.1936, 31.1604



26.9581, 28.1936, 27.4317



25.6310, 28.1936, 30.2403



26.6369, 28.1936, 34.2138

Rectangle

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



27.9982, 28.1936, 31.1604



27.6907, 28.1936, 28.4542



25.6310, 28.1936, 30.2403



25.9230, 28.1936, 33.0568

Sweetspot

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



27.9990, 28.1948, 31.1610



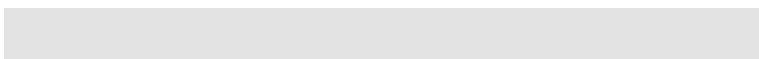
53.0300, 55.1260, 60.2898



27.8121, 28.0336, 34.0826



11.7256, 12.1982, 13.3374



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.9990, 28.1948, 31.1610



49.0742, 48.7853, 54.1282



27.9130, 28.5118, 29.6247



6.2970, 6.2579, 6.9439



11.4545, 5.8360, 3.6524



0.1877, 0.0938, 0.1413

Inverse Universe

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



27.9990, 28.1948, 31.1610



49.0742, 48.7853, 54.1282



28.0587, 30.3568, 34.5181



6.2970, 6.2579, 6.9439



11.4545, 5.8360, 3.6524



0.1877, 0.0938, 0.1413

Previews

White Background



This preview shows how the XYZ color 27.9982, 28.1936, 31.1604 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 27.9982, 28.1936, 31.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

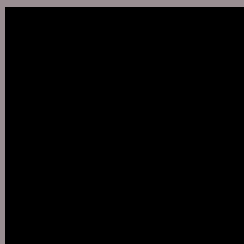
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

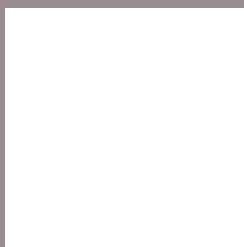
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9982, 28.1936, 31.1604

Background



This preview shows how black text looks on a background with the XYZ color 27.9982, 28.1936, 31.1604.



This preview shows how white text looks on a background with the XYZ color 27.9982, 28.1936,

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

27.9982, 28.1936, 31.1604

Protanopia

27.2723, 28.2561, 31.6203

Deuteranopia

28.6669, 28.1006, 31.1072



Tritanopia

28.5188, 28.1868, 33.6433

Trichromacy



Original Color

27.9982, 28.1936, 31.1604

Protanomaly

27.4833, 28.1411, 31.5870

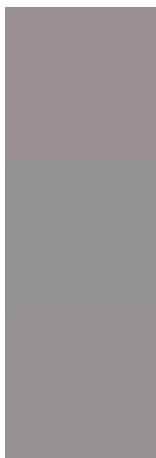
Deuteranomaly

28.4235, 28.1930, 31.1378

Tritanomaly

28.3563, 28.1218, 32.7877

Monochromacy



Original Color

27.9982, 28.1936, 31.1604

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7081, 28.7157, 31.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9982, 28.1936, 31.1604 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(153, 142, 146)` looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 146)  
}
```

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(153, 142, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.9982, 28.1936, 31.1604 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(153, 142, 146) }
```


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

```
.border{ border-color:rgb(153, 142, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 146);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9982, 28.1936, 31.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 146) }
```

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

```
.background{ background-color: rgb(153,  
142, 146) }
```

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