

Converting Colors

XYZ(27.7416, 29.6973, 26.9663)

Have a look what the booklet for
XYZ(27.7416, 29.6973, 26.9663)
contains.

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Color

**XYZ(27.8130, 29.7954,
26.8394)**

Conversions

Conversions Part 1

Format	Color
Hex	979586
RGB	151, 149, 134
RGB Percent	59%, 58%, 53%
CMY	0.4078, 0.4157, 0.4745
CMYK	0.00, 0.01, 0.11, 0.41
HSL	53°, 8%, 56%
HSV	53°, 11%, 59%
XYZ	27.8130, 29.7954, 26.8394
YIQ	147.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

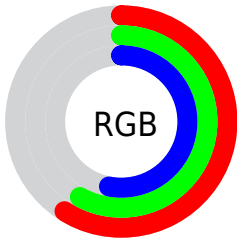
Format	Color
R_{YB}	136, 151, 134
Decimal	9934214
CIE Lab	61.48, -2.00, 8.18
CIE LCh	61, 8.422, 103.761
Yxy	29.7954, 0.3294, 0.3528
Android (android.graphics.Color)	4288124294 (0xFF979586)
YUV	147.8880, -6.8468, 2.7292
Hunter-Lab	54.5852, -4.5722, 9.0569

Details

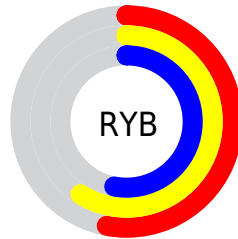
The XYZ color **27.8130, 29.7954, 26.8394** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2215, 24.9106, 32.8100**, and the grayscale version is **28.1282, 29.5930, 32.2268**.

A 20% lighter version of the original color is **55.5024, 59.2789, 55.5304**, and **11.2234, 12.0848, 10.1286** is the 20% darker color. If you saturate the color by 10%, you get **26.5560, 28.8479, 21.5902**, and if you desaturate by 10%, it is **29.2264, 30.8142, 32.8835**.

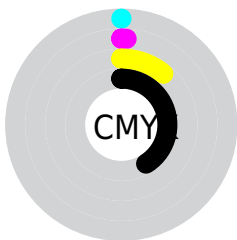
Distribution



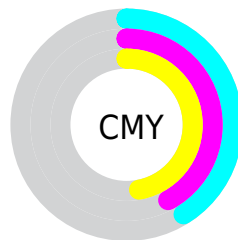
- Red (59%)
- Green (58%)
- Blue (53%)



- Red (53%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8130, 29.7954, 26.8394 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 27.8130, 29.7954, 26.8394 by changing the saturation by 10% instead.

■ 27.8130, 29.7954,
26.8394

■ 27.8130, 29.7954,
26.8394

283.6686,
300.9496, 300.6142

■ 18.3245, 19.6833,
17.2213

■ 55.5965, 59.3385,
55.6267

■ 11.2843, 12.1651,
10.2288

■ 74.6222, 79.5383,
75.6329

■ 6.3271, 6.8562,
5.4433

■ 97.5576, 103.8694,
99.9388

■ 3.0875, 3.3723,
2.4464

124.7681,
132.7164, 128.9631

■ 1.2002, 1.3291,
0.8115

156.6192,
166.4634, 163.1243

■ 0.1065, 0.1635,
0.0000

193.4760,

■ 0.0000, 0.0000,

205.4951, 202.8408

0.0000

235.7040,
250.1957, 248.5313

■ 27.8130, 29.7954,
26.8394

■ 27.8130, 29.7954,
26.8394

■ 26.5560, 28.8479,
21.5902

■ 29.2264, 30.8142,
32.8835

■ 25.4465, 27.9653,
17.1004

■ 30.7996, 31.9028,
39.7519

■ 24.4785, 27.1460,
13.3350

■ 32.5392, 33.0649,
47.4749

■ 23.6446, 26.3872,
10.2553

■ 34.4505, 34.3026,
56.0809

■ 22.9369, 25.6856,
7.8190

■ 36.5386, 35.6180,
65.5968

■ 22.3464, 25.0374,
5.9792

■ 38.8085, 37.0131,
76.0483

■ 21.8629, 24.4388,
4.6824

■ 41.2649, 38.4898,
87.4602

■ 21.4745, 23.8849,
3.8660

■ 43.9124, 40.0500,
99.8564

■ 21.1862, 23.4264,
3.4051

■ 44.2620, 40.6981,
100.1304

Harmonies

Analogous

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



28.9230, 29.7954, 26.9000



27.8130, 29.7954, 26.8394



26.8634, 29.7954, 28.2090

Triad

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



27.8130, 29.7954, 26.8394



26.8002, 29.7954, 36.8742



30.4270, 29.7954, 34.1886

Complementary

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



27.8130, 29.7954, 26.8394



24.2215, 24.9106, 32.8100

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.



29.8276, 29.7954, 37.0789



27.8130, 29.7954, 26.8394



27.7247, 29.7954, 38.6976

Square

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



27.8130, 29.7954, 26.8394



26.2890, 29.7954, 33.9238



28.8324, 29.7954, 38.7749



30.4522, 29.7954, 31.0042

Rectangle

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



27.8130, 29.7954, 26.8394



26.4409, 29.7954, 29.8040



28.8324, 29.7954, 38.7749



30.2853, 29.7954, 35.2315

Sweetspot

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



27.8138, 29.7967, 26.8400



51.8636, 54.8463, 56.8318



25.7509, 25.4151, 26.9408



11.7422, 12.4333, 12.7203



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.



27.8138, 29.7967, 26.8400



49.1012, 52.8355, 45.0781



27.0060, 29.8533, 26.8935



6.6470, 7.0990, 6.6258



18.0369, 19.9561, 2.9013



0.2849, 0.3289, 0.0485

Inverse Universe

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



24.2215, 24.9106, 32.8100



41.1058, 41.9605, 58.3663



24.9659, 24.8807, 32.7650



5.9400, 6.1375, 7.8005



4.9445, 2.2856, 25.0883



0.0873, 0.0609, 0.3795

Previews

White Background



This preview shows how the XYZ color 27.8130, 29.7954, 26.8394 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 27.8130, 29.7954, 26.8394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

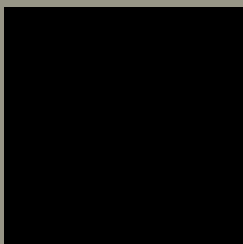
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

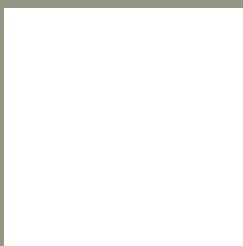
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8130, 29.7954, 26.8394

Background



This preview shows how black text looks on a background with the XYZ color 27.8130, 29.7954, 26.8394.



This preview shows how white text looks on a background with the XYZ color 27.8130, 29.7954,

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

27.8130, 29.7954, 26.8394

Protanopia

28.3411, 29.8418, 26.4566

Deuteranopia

30.3441, 29.7190, 27.0587



Tritanopia

29.6911, 29.8621, 36.0974

Trichromacy



Original Color

27.8130, 29.7954, 26.8394

Protanomaly

28.1500, 29.7433, 26.4477

Deuteranomaly

29.3989, 29.6814, 27.1013

Tritanomaly

28.9954, 29.8097, 32.6594

Monochromacy



Original Color

27.8130, 29.7954, 26.8394

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9423, 29.5525, 30.2181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8130, 29.7954, 26.8394 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(151, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 134)  
}
```

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(151, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.8130, 29.7954, 26.8394 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(151, 149, 134) }
```


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

```
.border{ border-color:rgb(151, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 134);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8130, 29.7954, 26.8394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 134) }
```

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

```
.background{ background-color: rgb(151,  
149, 134) }
```

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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