

Converting Colors

XYZ(28.9169, 31.5106, 25.5318)

Have a look what the booklet for
XYZ(28.9169, 31.5106, 25.5318)
contains.

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Color

**XYZ(28.9113, 31.5929,
25.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9A82
RGB	154, 154, 130
RGB Percent	60%, 60%, 51%
CMY	0.3961, 0.3961, 0.4902
CMYK	0.00, 0.00, 0.16, 0.40
HSL	60°, 11%, 56%
HSV	60°, 16%, 60%
XYZ	28.9113, 31.5929, 25.6934
YIQ	151.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

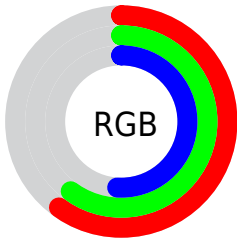
Format	Color
RYB	130, 154, 130
Decimal	10132098
CIELab	63.00, -4.28, 12.63
CIELCh	63, 13.330, 108.707
Yxy	31.5929, 0.3354, 0.3665
Android (android.graphics.Color)	4288322178 (0xFF9A9A82)
YUV	151.2640, -10.4832, 2.3995
Hunter-Lab	56.2076, -6.5488, 12.2429

Details

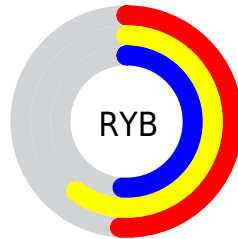
The XYZ color **28.9113, 31.5929, 25.6934** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0225, 23.0451, 33.8082**, and the grayscale version is **29.5704, 31.1103, 33.8792**.

A 20% lighter version of the original color is **57.3976, 62.0860, 53.7584**, and **11.9290, 13.1781, 9.6995** is the 20% darker color. If you saturate the color by 10%, you get **27.9540, 31.2110, 20.6505**, and if you desaturate by 10%, it is **30.0250, 32.0395, 31.5526**.

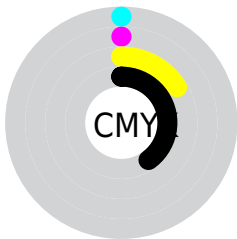
Distribution



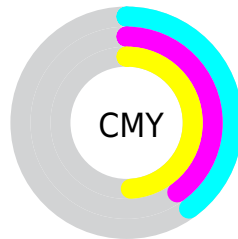
- Red (60%)
- Green (60%)
- Blue (51%)



- Red (51%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9113, 31.5929, 25.6934 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 28.9113, 31.5929, 25.6934 by changing the saturation by 10% instead.

■ 28.9113, 31.5929,
25.6934

■ 28.9113, 31.5929,
25.6934

288.7980,
309.2606, 294.8312

■ 19.1577, 21.0507,
16.3707

■ 57.3347, 62.1723,
53.7579

■ 11.8889, 13.1611,
9.6297

■ 76.7351, 82.9784,
73.3368

■ 6.7398, 7.5396,
5.0517

■ 100.0819,
107.9746, 97.1715

■ 3.3448, 3.8018,
2.2184

127.7403,
137.5452, 125.6806

■ 1.3386, 1.5633,
0.6849

160.0758,
172.0747, 159.2825

■ 0.2118, 0.3327,
0.0000

197.4537,

■ 0.0000, 0.0000,

211.9476, 198.3959

0.0000

240.2393,
257.5480, 243.4393

■ 28.9113, 31.5929,
25.6934

■ 28.9113, 31.5929,
25.6934

■ 27.9540, 31.2110,
20.6505

■ 30.0250, 32.0395,
31.5526

■ 27.1438, 30.8868,
16.3859

■ 31.2991, 32.5492,
38.2598

■ 26.4740, 30.6189,
12.8613

■ 32.7405, 33.1258,
45.8478

■ 25.9369, 30.4040,
10.0346

■ 34.3548, 33.7715,
54.3467

■ 25.5234, 30.2386,
7.8595

■ 36.1476, 34.4887,
63.7854

■ 25.2239, 30.1187,
6.2841

■ 38.1241, 35.2793,
74.1915

■ 25.0268, 30.0399,
5.2484

■ 40.2893, 36.1455,
85.5914

■ 24.9169, 29.9959,
4.6717

■ 42.6481, 37.0890,
98.0105

■ 24.8795, 29.9809,
4.4756

■ 42.9362, 37.2043,
99.5259

Harmonies

Analogous

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



30.7239, 31.5929, 25.4162



28.9113, 31.5929, 25.6934



27.4559, 31.5929, 28.1563

Triad

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



28.9113, 31.5929, 25.6934



27.7608, 31.5929, 42.5584



33.6204, 31.5929, 36.4150

Complementary

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



28.9113, 31.5929, 25.6934



23.0225, 23.0451, 33.8082

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.



32.7561, 31.5929, 41.5030



28.9113, 31.5929, 25.6934



29.3429, 31.5929, 45.2831

Square

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



28.9113, 31.5929, 25.6934



26.8106, 31.5929, 37.7410



31.1733, 31.5929, 44.8783



33.4933, 31.5929, 31.2610

Rectangle

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



28.9113, 31.5929, 25.6934



26.8610, 31.5929, 30.8609



31.1733, 31.5929, 44.8783



33.4348, 31.5929, 38.1983

Sweetspot

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



28.9121, 31.5943, 25.6941



54.6455, 58.2414, 57.8699



25.3393, 24.4478, 24.5030



12.3366, 13.1698, 12.9292



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.



28.9121, 31.5943, 25.6941



51.8254, 57.1133, 43.0248



26.7414, 30.4752, 25.5925



6.7088, 7.2229, 6.6464



20.2689, 24.4249, 3.6462



0.3030, 0.3652, 0.0545

Inverse Universe

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



23.0225, 23.0451, 33.8082



38.8649, 38.3002, 60.8806



24.9717, 24.0499, 33.8995



5.8846, 6.0264, 7.7820



4.7523, 1.9010, 25.0241



0.0711, 0.0284, 0.3741

Previews

White Background



This preview shows how the XYZ color 28.9113, 31.5929, 25.6934 looks on a white background.

Color Contrast Check

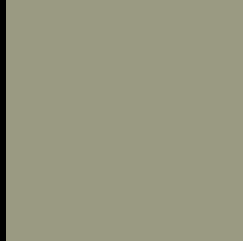
Large Text (above 18pt) WCAG AA × Fail

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 28.9113, 31.5929, 25.6934 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 ✓ Pass

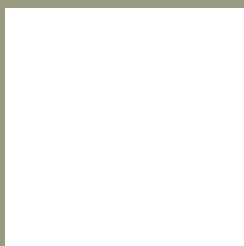
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9113, 31.5929, 25.6934

Background



This preview shows how black text looks on a background with the XYZ color 28.9113, 31.5929, 25.6934.



This preview shows how white text looks on a background with the XYZ color 28.9113, 31.5929,

25.6934.

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

28.9113, 31.5929, 25.6934

Protanopia

29.6879, 31.5150, 25.2872

Deuteranopia

32.2096, 31.6201, 25.8784



Tritanopia

31.4399, 31.6550, 38.1712

Trichromacy



Original Color

28.9113, 31.5929, 25.6934

Protanomaly

29.4542, 31.6365, 25.3229

Deuteranomaly

30.9394, 31.6669, 25.9544

Tritanomaly

30.4763, 31.5033, 33.3286

Monochromacy



Original Color

28.9113, 31.5929, 25.6934

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1351, 31.1150, 30.4568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9113, 31.5929, 25.6934 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(154, 154, 130)` looks like.

```
.text, #text, p{  
    color:rgb(154, 154, 130)  
}
```

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(154, 154, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 154, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.9113, 31.5929, 25.6934 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(154, 154, 130) }
```


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

```
.border{ border-color:rgb(154, 154, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 154, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 154, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 154, 130);  
box-shadow:4px 4px 4px 4px rgb(154, 154,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9113, 31.5929, 25.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 154, 130) }
```

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

```
.background{ background-color: rgb(154,  
154, 130) }
```

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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