

Converting Colors

XYZ(26.4842, 28.5885, 21.9239)

Have a look what the booklet for
XYZ(26.4842, 28.5885, 21.9239)
contains.

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Color

**XYZ(26.4315, 28.4931,
21.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	979278
RGB	151, 146, 120
RGB Percent	59%, 57%, 47%
CMY	0.4078, 0.4274, 0.5294
CMYK	0.00, 0.03, 0.21, 0.41
HSL	50°, 13%, 53%
HSV	50°, 21%, 59%
XYZ	26.4315, 28.4931, 21.8759
YIQ	144.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

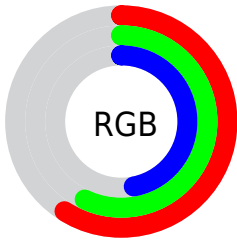
Format	Color
R_{YB}	126, 151, 120
Decimal	9933432
CIE _{Lab}	60.33, -2.66, 14.47
CIE _{LCh}	60, 14.710, 100.399
Yxy	28.4931, 0.3442, 0.3710
Android (android.graphics.Color)	4288123512 (0xFF979278)
YUV	144.5310, -12.0938, 5.6733
Hunter-Lab	53.3789, -5.0258, 13.0669

Details

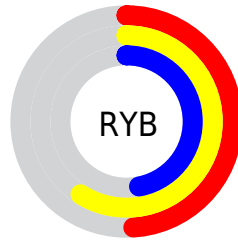
The XYZ color **26.4315, 28.4931, 21.8759** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.6651, 20.8941, 32.2221**, and the grayscale version is **26.7683, 28.1623, 30.6688**.

A 20% lighter version of the original color is **53.2775, 57.2662, 47.2752**, and **10.5757, 11.5300, 7.6293** is the 20% darker color. If you saturate the color by 10%, you get **25.2155, 27.4137, 17.3004**, and if you desaturate by 10%, it is **27.8015, 29.6488, 27.2165**.

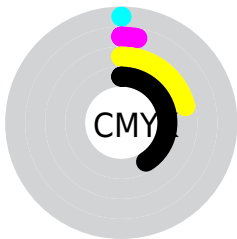
Distribution



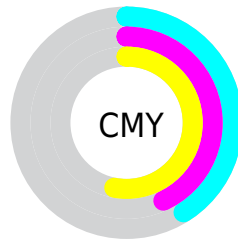
- Red (59%)
- Green (57%)
- Blue (47%)



- Red (49%)
- Yellow (59%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4315, 28.4931, 21.8759 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 26.4315, 28.4931, 21.8759 by changing the saturation by 10% instead.

■ 26.4315, 28.4931,
21.8759

■ 26.4315, 28.4931,
21.8759

277.1119,
294.8157, 274.8298

■ 17.2811, 18.6977,
13.5683

■ 53.3966, 57.2707,
47.4404

■ 10.5317, 11.4520,
7.6857

■ 71.9420, 77.0218,
65.5343

■ 5.8178, 6.3718,
3.8096

■ 94.3498, 100.8601,
87.7274

■ 2.7742, 3.0724,
1.5215

120.9853,
129.1702, 114.4383

■ 1.0355, 1.1697,
0.2339

152.2140,
162.3364, 146.0854

■ 0.0000, 0.0367,
0.0000

188.4010,

■ 0.0000, 0.0000,

200.7431, 183.0874

0.0000

229.9119,
244.7748, 225.8626

■ 26.4315, 28.4931,
21.8759

■ 26.4315, 28.4931,
21.8759

■ 25.2155, 27.4137,
17.3004

■ 27.8015, 29.6488,
27.2165

■ 24.1445, 26.4041,
13.4525

■ 29.3297, 30.8797,
33.3537

■ 23.2119, 25.4624,
10.2944

■ 31.0228, 32.1895,
40.3193

■ 22.4097, 24.5854,
7.7842

■ 32.8864, 33.5805,
48.1430

■ 21.7289, 23.7695,
5.8753

■ 34.9260, 35.0549,
56.8529

■ 21.1596, 23.0105,
4.5148

■ 37.1467, 36.6150,
66.4758

■ 20.6898, 22.3037,
3.6408

■ 39.5534, 38.2627,
77.0376

■ 20.3083, 21.6709,
3.1125

■ 42.1509, 40.0001,
88.5628

■ 44.7982, 41.7707,
100.3092

Harmonies

Analogous

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



28.3188, 28.4931, 22.2199



26.4315, 28.4931, 21.8759



24.7953, 28.4931, 23.7571

Triad

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



26.4315, 28.4931, 21.8759



24.4087, 28.4931, 38.2663



30.6498, 28.4931, 34.6465

Complementary

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



26.4315, 28.4931, 21.8759



20.6651, 20.8941, 32.2221

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.



29.5048, 28.4931, 39.6398



26.4315, 28.4931, 21.8759



25.8815, 28.4931, 41.8921

Square

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



26.4315, 28.4931, 21.8759



23.6640, 28.4931, 32.9399



27.7428, 28.4931, 42.4220



30.8139, 28.4931, 29.1841

Rectangle

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



26.4315, 28.4931, 21.8759



24.0448, 28.4931, 26.1641



27.7428, 28.4931, 42.4220



30.3644, 28.4931, 36.4516

Sweetspot

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



26.4323, 28.4944, 21.8765



50.9600, 54.0521, 53.4080



23.1915, 21.4975, 22.3854



11.5465, 12.2562, 11.9947



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.



26.4323, 28.4944, 21.8765



46.2201, 50.0515, 34.9367



25.3849, 29.1230, 22.0530



6.6241, 7.0533, 6.6181



17.2940, 18.4705, 2.6537



0.2785, 0.3161, 0.0463

Inverse Universe

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



20.6651, 20.8941, 32.2221



33.8339, 33.7296, 57.1609



21.5598, 20.4399, 32.0872



5.9609, 6.1792, 7.8075



5.0507, 2.4981, 25.1237



0.0933, 0.0730, 0.3815

Previews

White Background



This preview shows how the XYZ color 26.4315, 28.4931, 21.8759 looks on a white background.

Color Contrast Check

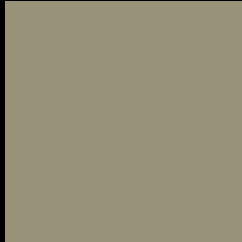
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4315, 28.4931, 21.8759 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

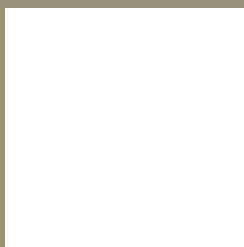
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4315, 28.4931, 21.8759

Background



This preview shows how black text looks on a background with the XYZ color 26.4315, 28.4931, 21.8759.



This preview shows how white text looks on a background with the XYZ color 26.4315, 28.4931,

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

26.4315, 28.4931, 21.8759

Protanopia

26.8420, 28.4769, 21.8512

Deuteranopia

28.9777, 28.4615, 22.0555



Tritanopia

28.7922, 28.3182, 34.0854

Trichromacy



Original Color

26.4315, 28.4931, 21.8759

Protanomaly

26.6524, 28.3792, 21.8423

Deuteranomaly

28.0245, 28.4079, 22.0954

Tritanomaly

27.9566, 28.4380, 29.2149

Monochromacy



Original Color

26.4315, 28.4931, 21.8759

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6020, 28.2314, 27.3397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4315, 28.4931, 21.8759 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, 146, 120)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 120)  
}
```

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, 146, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.4315, 28.4931, 21.8759 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, 146, 120) }
```


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

```
.border{ border-color:rgb(151, 146, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 146, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 146, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 146, 120);  
box-shadow:4px 4px 4px 4px rgb(151, 146,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4315, 28.4931, 21.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 120) }
```

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

```
.background{ background-color: rgb(151,  
146, 120) }
```

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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