

Converting Colors

XYZ(26.3439, 28.9983, 21.3617)

Have a look what the booklet for
XYZ(26.3439, 28.9983, 21.3617)
contains.

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Color

**XYZ(26.2543, 28.8774,
21.3297)**

Conversions

Conversions Part 1

Format	Color
Hex	959476
RGB	149, 148, 118
RGB Percent	58%, 58%, 46%
CMY	0.4157, 0.4196, 0.5372
CMYK	0.00, 0.01, 0.21, 0.42
HSL	58°, 13%, 52%
HSV	58°, 21%, 58%
XYZ	26.2543, 28.8774, 21.3297
YIQ	144.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

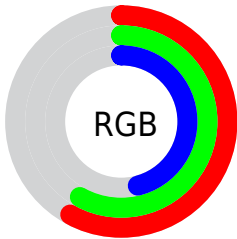
Format	Color
R_{YB}	119, 149, 118
Decimal	9802870
CIE _{Lab}	60.67, -4.86, 16.04
CIE _{LCh}	61, 16.760, 106.851
Yxy	28.8774, 0.3434, 0.3777
Android (android.graphics.Color)	4287992950 (0xFF959476)
YUV	144.8790, -13.2513, 3.6141
Hunter-Lab	53.7377, -6.8323, 14.0829

Details

The XYZ color **26.2543, 28.8774, 21.3297** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4927, 19.2146, 31.1152**, and the grayscale version is **26.9143, 28.3160, 30.8361**.

A 20% lighter version of the original color is **53.0048, 57.8398, 46.4008**, and **10.4172, 11.5883, 7.4821** is the 20% darker color. If you saturate the color by 10%, you get **25.3633, 28.4021, 17.0040**, and if you desaturate by 10%, it is **27.2870, 29.4119, 26.3935**.

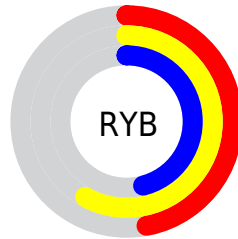
Distribution



Red (58%)

Green (58%)

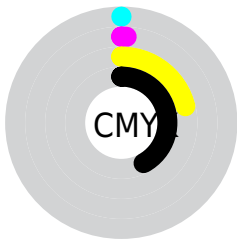
Blue (46%)



Red (47%)

Yellow (58%)

Blue (46%)

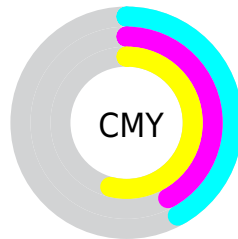


Cyan (0%)

Magenta (1%)

Yellow (21%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2543, 28.8774, 21.3297 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 26.2543, 28.8774, 21.3297 by changing the saturation by 10% instead.

■ 26.2543, 28.8774,
21.3297

■ 26.2543, 28.8774,
21.3297

276.2621,
296.6361, 271.8639

■ 17.1477, 18.9881,
13.1716

■ 53.1133, 57.8822,
46.5235

■ 10.4358, 11.6617,
7.4147

■ 71.5964, 77.7666,
64.3963

■ 5.7533, 6.5137,
3.6404

■ 93.9356, 101.7514,
86.3444

■ 2.7349, 3.1599,
1.4302

120.4964,
130.2210, 112.7864

■ 1.0152, 1.2158,
0.1651

151.6441,
163.5599, 144.1408

■ 0.0000, 0.0745,
0.0000

187.7440,

■ 0.0000, 0.0000,

202.1524, 180.8262

0.0000

229.1616,
246.3830, 223.2610

■ 26.2543, 28.8774,
21.3297

■ 26.2543, 28.8774,
21.3297

■ 25.3633, 28.4021,
17.0040

■ 27.2870, 29.4119,
26.3935

■ 24.6052, 27.9795,
13.3801

■ 28.4653, 30.0041,
32.2257

■ 23.9737, 27.6079,
10.4212

■ 29.7958, 30.6576,
38.8573

■ 23.4611, 27.2845,
8.0866

■ 31.2837, 31.3747,
46.3170

■ 23.0587, 27.0056,
6.3313

■ 32.9344, 32.1574,
54.6321

■ 22.7569, 26.7675,
5.1039

■ 34.7527, 33.0076,
63.8285

■ 22.5442, 26.5655,
4.3444

■ 36.7435, 33.9273,
73.9312

■ 22.4000, 26.4007,
3.9152

■ 38.9111, 34.9182,
84.9641

■ 41.2601, 35.9822,
96.9503

Harmonies

Analogous

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



28.4080, 28.8774, 21.1757



26.2543, 28.8774, 21.3297



24.5119, 28.8774, 23.9526

Triad

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



26.2543, 28.8774, 21.3297



24.6892, 28.8774, 40.9996



31.7175, 28.8774, 34.2422

Complementary

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



26.2543, 28.8774, 21.3297



19.4927, 19.2146, 31.1152

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.



30.6078, 28.8774, 40.3509



26.2543, 28.8774, 21.3297



26.5081, 28.8774, 44.5849

Square

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



26.2543, 28.8774, 21.3297



23.6415, 28.8774, 35.0384



28.6755, 28.8774, 44.3330



31.6406, 28.8774, 28.1016

Rectangle

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



26.2543, 28.8774, 21.3297



23.7838, 28.8774, 26.9717



28.6755, 28.8774, 44.3330



31.4685, 28.8774, 36.3821

Sweetspot

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



26.2551, 28.8787, 21.3303



49.8225, 53.1562, 51.9835



22.2049, 20.6795, 20.2849



11.0149, 11.7668, 11.3897



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.2551, 28.8787, 21.3303



46.2379, 51.3043, 34.3955



23.9344, 27.9152, 21.2667



6.2496, 6.7130, 6.2068



18.8571, 22.2285, 3.2967



0.2348, 0.2801, 0.0417

Inverse Universe

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



19.4927, 19.2146, 31.1152



31.8732, 30.7760, 55.1817



21.4924, 20.0704, 31.1750



5.5135, 5.6611, 7.2718



4.6138, 1.9223, 24.0589



0.0594, 0.0295, 0.2955

Previews

White Background



This preview shows how the XYZ color 26.2543, 28.8774, 21.3297 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 26.2543, 28.8774, 21.3297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

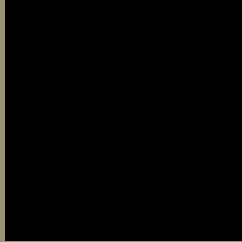
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

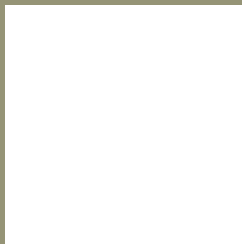
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2543, 28.8774, 21.3297

Background



This preview shows how black text looks on a background with the XYZ color 26.2543, 28.8774, 21.3297.



This preview shows how white text looks on a background with the XYZ color 26.2543, 28.8774,

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

26.2543, 28.8774, 21.3297

Protanopia

27.0073, 28.8107, 20.9672

Deuteranopia

29.4926, 28.9519, 21.8031



Tritanopia

28.9816, 28.8480, 34.6126

Trichromacy



Original Color

26.2543, 28.8774, 21.3297

Protanomaly

26.7815, 28.9241, 21.0010

Deuteranomaly

28.2033, 28.9598, 21.5561

Tritanomaly

27.8820, 28.8493, 29.2982

Monochromacy



Original Color

26.2543, 28.8774, 21.3297

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5061, 28.4180, 27.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2543, 28.8774, 21.3297 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(149, 148, 118)` looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 118)  
}
```

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(149, 148, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.2543, 28.8774, 21.3297 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(149, 148, 118) }
```


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

```
.border{ border-color:rgb(149, 148, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 118);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2543, 28.8774, 21.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 118) }
```

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

```
.background{ background-color: rgb(149,  
148, 118) }
```

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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