

Converting Colors

XYZ(29.5271, 30.3313, 28.4440)

Have a look what the booklet for
XYZ(29.5271, 30.3313, 28.4440)
contains.

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Color

**XYZ(29.4754, 30.3857,
28.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	9F948A
RGB	159, 148, 138
RGB Percent	62%, 58%, 54%
CMY	0.3765, 0.4196, 0.4588
CMYK	0.00, 0.07, 0.13, 0.38
HSL	29°, 10%, 58%
HSV	29°, 13%, 62%
XYZ	29.4754, 30.3857, 28.3563
YIQ	150.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

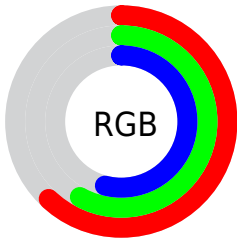
Format	Color
R_{YB}	159, 157, 138
Decimal	10458250
CIE Lab	61.99, 2.29, 6.74
CIE LCh	62, 7.117, 71.216
Yxy	30.3857, 0.3341, 0.3444
Android (android.graphics.Color)	4288648330 (0xFF9F948A)
YUV	150.1490, -5.9895, 7.7623
Hunter-Lab	55.1232, -1.0184, 8.0865

Details

The XYZ color **29.4754, 30.3857, 28.3563** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4866, 29.4008, 37.0273**, and the grayscale version is **29.0751, 30.5892, 33.3117**.

A 20% lighter version of the original color is **58.2561, 60.2988, 57.8586**, and **12.0996, 12.3798, 10.9843** is the 20% darker color. If you saturate the color by 10%, you get **27.1484, 27.4407, 22.3110**, and if you desaturate by 10%, it is **32.0666, 33.5887, 35.3219**.

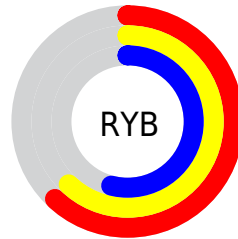
Distribution



Red (62%)

Green (58%)

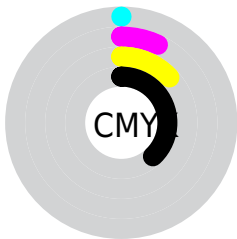
Blue (54%)



Red (62%)

Yellow (62%)

Blue (54%)

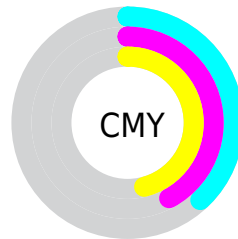


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4754, 30.3857, 28.3563 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 29.4754, 30.3857, 28.3563 by changing the saturation by 10% instead.

■ 29.4754, 30.3857,
28.3563

■ 29.4754, 30.3857,
28.3563

291.4054,
303.6982, 308.1309

■ 19.5868, 20.1315,
18.3530

■ 58.2239, 60.2716,
58.0827

■ 12.2016, 12.4907,
11.0317

■ 77.8145, 80.6721,
78.6430

■ 6.9543, 7.0788,
5.9737

■ 101.3699,
105.2236, 103.5593

■ 3.4796, 3.5114,
2.7606

129.2554,
134.3103, 133.2502

■ 1.4122, 1.4042,
0.9737

161.8363,
168.3167, 168.1343

■ 0.2649, 0.2198,
0.0000

199.4781,

■ 0.0000, 0.0000,

207.6273, 208.6301

0.0000

242.5460,
252.6263, 255.1561

■ 29.4754, 30.3857,
28.3563

■ 29.4754, 30.3857,
28.3563

■ 27.1484, 27.4407,
22.3110

■ 32.0666, 33.5887,
35.3219

■ 25.0737, 24.7429,
17.1449

■ 34.9283, 37.0522,
43.2426

■ 23.2426, 22.2865,
12.8169

■ 38.0696, 40.7840,
52.1537

■ 21.6442, 20.0637,
9.2815

■ 41.4985, 44.7899,
62.0881

■ 20.2672, 18.0666,
6.4892

■ 45.2224, 49.0760,
73.0773

■ 19.0990, 16.2865,
4.3843

■ 49.2489, 53.6477,
85.1512

■ 18.1252, 14.7139,
2.9036

■ 53.5848, 58.5107,
98.3388

■ 17.3292, 13.3383,
1.9718

■ 56.5504, 62.9955,
103.7866

■ 16.8646, 12.5038,
1.5246

■ 58.7199, 67.3344,
104.5097

Harmonies

Analogous

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



30.2826, 30.3857, 29.7427



29.4754, 30.3857, 28.3563



28.5254, 30.3857, 28.1947

Triad

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



29.4754, 30.3857, 28.3563



27.1185, 30.3857, 34.1172



30.1063, 30.3857, 37.1961

Complementary

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



29.4754, 30.3857, 28.3563



27.4866, 29.4008, 37.0273

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.



29.2390, 30.3857, 38.5101



29.4754, 30.3857, 28.3563



27.5227, 30.3857, 36.6685

Square

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



29.4754, 30.3857, 28.3563



27.1786, 30.3857, 31.4219



28.2940, 30.3857, 38.3119



30.6524, 30.3857, 34.8055

Rectangle

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



29.4754, 30.3857, 28.3563



27.9404, 30.3857, 28.7923



28.2940, 30.3857, 38.3119



29.8418, 30.3857, 37.7842

Sweetspot

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



29.4762, 30.3870, 28.3569



57.0059, 59.6372, 62.1070



28.8277, 27.7246, 32.3499



12.7735, 13.3491, 13.7888



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.4762, 30.3870, 28.3569



51.4482, 52.7375, 47.2581



31.1639, 33.7624, 28.9195



6.8806, 7.1412, 7.0014



13.3615, 9.9586, 1.2180



0.2810, 0.2623, 0.0358

Inverse Universe

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



27.4866, 29.4008, 37.0273



47.1413, 50.6025, 66.0261



25.9289, 26.2854, 36.5081



6.5577, 6.9812, 8.4086



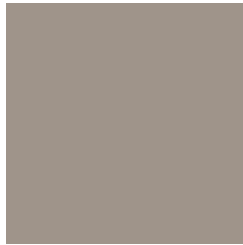
7.4439, 6.9793, 26.8620



0.1753, 0.2093, 0.4944

Previews

White Background



This preview shows how the XYZ color 29.4754, 30.3857, 28.3563 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 29.4754, 30.3857, 28.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

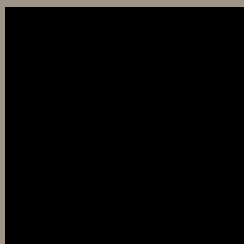
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

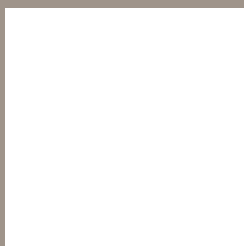
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4754, 30.3857, 28.3563

Background



This preview shows how black text looks on a background with the XYZ color 29.4754, 30.3857, 28.3563.



This preview shows how white text looks on a background with the XYZ color 29.4754, 30.3857, 28.3563.

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

29.4754, 30.3857, 28.3563

Protanopia

28.9252, 30.3275, 28.7554

Deuteranopia

30.9340, 30.4397, 28.6711



Tritanopia

31.1115, 30.3665, 36.1199

Trichromacy



Original Color

29.4754, 30.3857, 28.3563

Protanomaly

29.1179, 30.4269, 28.7644

Deuteranomaly

30.4561, 30.4212, 28.6928

Tritanomaly

30.4818, 30.3368, 33.1032

Monochromacy



Original Color

29.4754, 30.3857, 28.3563

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.0726, 30.3425, 31.5185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4754, 30.3857, 28.3563 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(159, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 138)  
}
```

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(159, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 138) }
```

Border

The CSS property to change the border of an element to XYZ 29.4754, 30.3857, 28.3563 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(159, 148, 138) }
```


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

```
.border{ border-color:rgb(159, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4754, 30.3857, 28.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 138) }
```

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

```
.background{ background-color: rgb(159,  
148, 138) }
```

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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