

Converting Colors

XYZ(29.8743, 30.8034, 32.9424)

Have a look what the booklet for
XYZ(29.8743, 30.8034, 32.9424)
contains.

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Color

**XYZ(29.8826, 30.7327,
32.7908)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9595
RGB	156, 149, 149
RGB Percent	61%, 58%, 58%
CMY	0.3882, 0.4157, 0.4157
CMYK	0.00, 0.04, 0.04, 0.39
HSL	0°, 3%, 60%
HSV	0°, 4%, 61%
XYZ	29.8826, 30.7327, 32.7908
YIQ	151.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

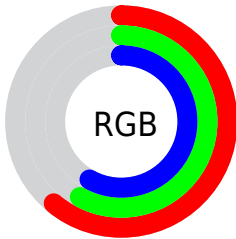
Format	Color
R_{YB}	156, 149, 149
Decimal	10261909
CIE _{Lab}	62.28, 2.57, 0.91
CIE _{LCh}	62, 2.725, 19.500
Yxy	30.7327, 0.3199, 0.3290
Android (android.graphics.Color)	4288451989 (0xFF9C9595)
YUV	151.0930, -1.0318, 4.3034
Hunter-Lab	55.4371, -0.7969, 3.7362

Details

The XYZ color **29.8826, 30.7327, 32.7908** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2837, 32.5665, 36.1429**, and the grayscale version is **29.4589, 30.9931, 33.7515**.

A 20% lighter version of the original color is **58.7138, 60.7253, 65.1265**, and **12.3980, 12.6205, 13.3378** is the 20% darker color. If you saturate the color by 10%, you get **26.4156, 25.6599, 25.8964**, and if you desaturate by 10%, it is **33.8486, 36.5357, 40.6754**.

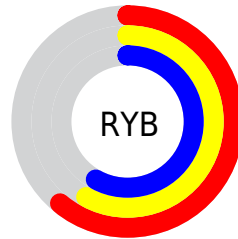
Distribution



Red (61%)

Green (58%)

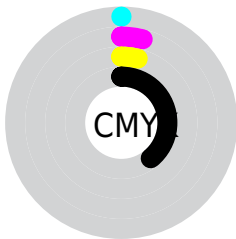
Blue (58%)



Red (61%)

Yellow (58%)

Blue (58%)

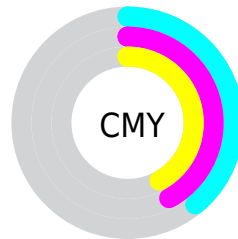


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (39%)



Cyan (39%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8826, 30.7327, 32.7908 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 29.8826, 30.7327, 32.7908 by changing the saturation by 10% instead.

■ 29.8826, 30.7327,
32.7908

■ 29.8826, 30.7327,
32.7908

293.2765,
305.3050, 329.3091

■ 19.8971, 20.3954,
21.6964

■ 58.8644, 60.8190,
65.1610

■ 12.4281, 12.6828,
13.4378

■ 78.5914, 81.3368,
87.2740

■ 7.1102, 7.2105,
7.5965

102.2963,
106.0168, 113.8968

■ 3.5781, 3.5941,
3.7538

130.3444,
135.2435, 145.4482

■ 1.4663, 1.4492,
1.4913

163.1011,
169.4013, 182.3465

■ 0.3027, 0.2526,
0.2114

200.9318,

■ 0.0000, 0.0000,

208.8745, 225.0104

0.0000

244.2018,
254.0476, 273.8584

■ 29.8826, 30.7327,
32.7908

■ 29.8826, 30.7327,
32.7908

■ 26.4156, 25.6599,
25.8964

■ 33.8486, 36.5357,
40.6754

■ 23.4253, 21.2845,
19.9512

■ 38.3295, 43.0919,
49.5850

■ 20.8918, 17.5774,
14.9143

■ 43.3438, 50.4285,
59.5554

■ 18.7925, 14.5055,
10.7409

■ 48.9081, 58.5699,
70.6197

■ 17.1031, 12.0334,
7.3826

■ 55.0386, 67.5395,
82.8099

■ 15.7968, 10.1217,
4.7861

■ 61.7505, 77.3599,
96.1565

■ 14.8436, 8.7268,
2.8918

■ 67.5205, 85.8080,
107.6116

■ 14.2093, 7.7983,
1.6314

■ 13.8516, 7.2747,
0.9211

Harmonies

Analogous

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



29.9118, 30.7327, 33.8334



29.8826, 30.7327, 32.7908



29.6725, 30.7327, 31.9453

Triad

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



29.8826, 30.7327, 32.7908



28.6758, 30.7327, 32.1638



29.0817, 30.7327, 35.4950

Complementary

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



29.8826, 30.7327, 32.7908



30.2837, 32.5665, 36.1429

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.



28.7534, 30.7327, 35.0274



29.8826, 30.7327, 32.7908



28.5203, 30.7327, 33.0947

Square

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



29.8826, 30.7327, 32.7908



28.9750, 30.7327, 31.5886



28.5486, 30.7327, 34.1437



29.4473, 30.7327, 35.4095

Rectangle

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



29.8826, 30.7327, 32.7908



29.4590, 30.7327, 31.6002



28.5486, 30.7327, 34.1437



28.9634, 30.7327, 35.3969

Sweetspot

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



29.8835, 30.7340, 32.7915



56.6691, 59.3224, 64.3159



30.4590, 30.9636, 35.8243



12.4792, 13.0675, 14.1713



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.



29.8835, 30.7340, 32.7915



53.8651, 55.2196, 58.7407



30.4452, 31.8575, 32.9787



6.9445, 7.1018, 7.5377



11.2936, 5.8229, 0.5287



0.2020, 0.1042, 0.0095

Inverse Universe

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



30.2837, 32.5665, 36.1429



54.6879, 58.9865, 65.6299



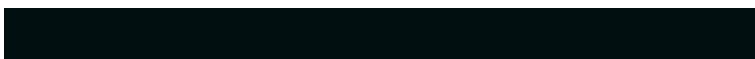
29.7052, 31.4095, 35.9501



7.0603, 7.6322, 8.5077



14.7276, 21.5468, 29.2900



0.2634, 0.3854, 0.5237

Previews

White Background



This preview shows how the XYZ color 29.8826, 30.7327, 32.7908 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 29.8826, 30.7327, 32.7908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

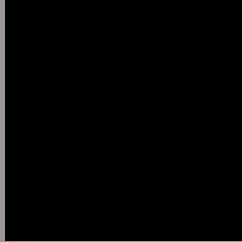
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.8826, 30.7327, 32.7908

Background



This preview shows how black text looks on a background with the XYZ color 29.8826, 30.7327, 32.7908.



This preview shows how white text looks on a background with the XYZ color 29.8826, 30.7327,

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

29.8826, 30.7327, 32.7908

Protanopia

29.4680, 30.7549, 32.8169

Deuteranopia

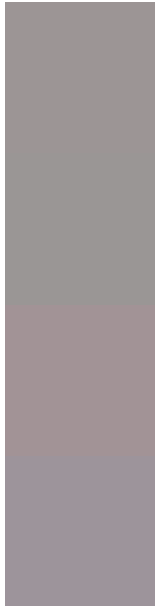
31.3010, 30.7591, 33.1415



Tritanopia

30.5964, 30.5387, 37.0829

Trichromacy



Original Color

29.8826, 30.7327, 32.7908

Protanomaly

29.6576, 30.8526, 32.8258

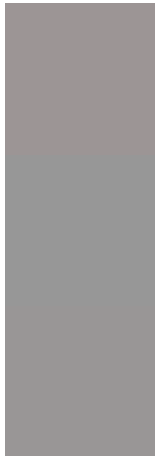
Deuteranomaly

30.8390, 30.7508, 33.1643

Tritanomaly

30.4109, 30.7145, 35.3360

Monochromacy



Original Color

29.8826, 30.7327, 32.7908

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5482, 30.7870, 33.2393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8826, 30.7327, 32.7908 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(156, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(156, 149, 149)  
}
```

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(156, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.8826, 30.7327, 32.7908 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(156, 149, 149) }
```


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

```
.border{ border-color:rgb(156, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(156, 149,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8826, 30.7327, 32.7908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 149, 149) }
```

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

```
.background{ background-color: rgb(156,  
149, 149) }
```

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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