

Converting Colors

XYZ(30.3218, 33.0496, 26.6066)

Have a look what the booklet for
XYZ(30.3218, 33.0496, 26.6066)
contains.

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Color

**XYZ(30.3224, 33.0490,
26.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9D84
RGB	158, 157, 132
RGB Percent	62%, 62%, 52%
CMY	0.3804, 0.3843, 0.4823
CMYK	0.00, 0.01, 0.16, 0.38
HSL	58°, 12%, 57%
HSV	58°, 16%, 62%
XYZ	30.3224, 33.0490, 26.6107
YIQ	154.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

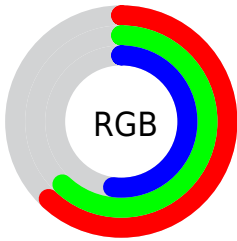
Format	Color
RYB	133, 158, 132
Decimal	10395012
CIELab	64.20, -4.04, 13.23
CIELCh	64, 13.837, 106.995
Yxy	33.0490, 0.3370, 0.3673
Android (android.graphics.Color)	4288585092 (0xFF9E9D84)
YUV	154.4490, -11.0674, 3.1142
Hunter-Lab	57.4883, -6.4540, 12.7971

Details

The XYZ color **30.3224, 33.0490, 26.6107** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0748, 24.1487, 35.7403**, and the grayscale version is **30.9578, 32.5700, 35.4688**.

A 20% lighter version of the original color is **59.7410, 64.7359, 55.2455**, and **12.6209, 13.9814, 10.0161** is the 20% darker color. If you saturate the color by 10%, you get **29.2202, 32.4457, 21.3070**, and if you desaturate by 10%, it is **31.5906, 33.7218, 32.7785**.

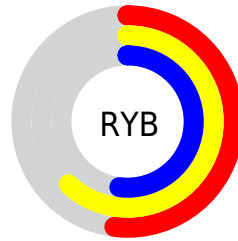
Distribution



Red (62%)

Green (62%)

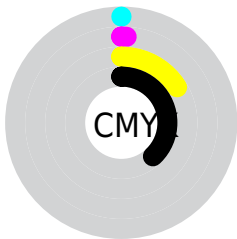
Blue (52%)



Red (52%)

Yellow (62%)

Blue (52%)

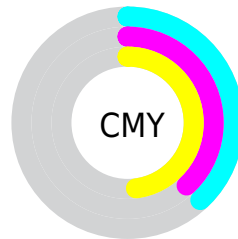


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3224, 33.0490, 26.6107 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 30.3224, 33.0490, 26.6107 by changing the saturation by 10% instead.

■ 30.3224, 33.0490,
26.6107

■ 30.3224, 33.0490,
26.6107

295.2873,
315.8705, 299.4675

■ 20.2327, 22.1640,
17.0512

■ 59.5548, 64.4520,
55.2547

■ 12.6736, 13.9774,
10.1087

■ 79.4282, 85.7388,
75.1762

■ 7.2796, 8.1050,
5.3645

■ 103.2936,
111.2617, 99.3889

■ 3.6854, 4.1622,
2.4002

131.5163,
141.4050, 128.3111

■ 1.5258, 1.7647,
0.7866

164.4616,
176.5531, 162.3616

■ 0.3433, 0.4650,
0.0000

202.4950,

■ 0.0000, 0.0000,

217.0905, 201.9588

0.0000

245.9818,
263.4015, 247.5213

■ 30.3224, 33.0490,
26.6107

■ 30.3224, 33.0490,
26.6107

■ 29.2202, 32.4457,
21.3070

■ 31.5906, 33.7218,
32.7785

■ 28.2741, 31.9045,
16.8266

■ 33.0292, 34.4624,
39.8446

■ 27.4771, 31.4238,
13.1287


■ 34.6454, 35.2748,
47.8437


■ 26.8205, 31.0000,
10.1679


■ 36.4454, 36.1617,
56.8083

■ 26.2949, 30.6295,
7.8945


■ 38.4351, 37.1252,
66.7692


 25.8897, 30.3079,
6.2523


 40.6201, 38.1676,
77.7557


 25.5925, 30.0303,
5.1767

 43.0057, 39.2911,
89.7963

 25.3854, 29.7896,
4.5728

 45.0444, 40.2767,
100.0078

 25.3199, 29.7076,
4.3996

 45.1513, 40.4903,
100.0434

Harmonies

Analogous

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



32.2686, 33.0490, 26.4518



30.3224, 33.0490, 26.6107



28.7335, 33.0490, 29.1079

Triad

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



30.3224, 33.0490, 26.6107



28.9089, 33.0490, 44.4771



35.2326, 33.0490, 38.4710

Complementary

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



30.3224, 33.0490, 26.6107



24.0748, 24.1487, 35.7403

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.



34.2521, 33.0490, 43.8674



30.3224, 33.0490, 26.6107



30.5708, 33.0490, 47.5703

Square

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



30.3224, 33.0490, 26.6107



27.9411, 33.0490, 39.2356



32.5276, 33.0490, 47.3362



35.1593, 33.0490, 32.9186

Rectangle

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



30.3224, 33.0490, 26.6107



28.0664, 33.0490, 31.9258



32.5276, 33.0490, 47.3362



35.0137, 33.0490, 40.3739

Sweetspot

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



30.3233, 33.0505, 26.6114



57.7042, 61.4132, 61.1700



26.6066, 25.4738, 25.8142



12.9722, 13.8262, 13.6090



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.



30.3233, 33.0505, 26.6114



54.2433, 59.5727, 44.3517



28.2995, 32.2585, 26.5652



7.1484, 7.6767, 7.0907



20.2852, 23.8060, 3.5259



0.3687, 0.4377, 0.0651

Inverse Universe

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



24.0748, 24.1487, 35.7403



40.5609, 40.0809, 64.3420



25.8725, 24.8739, 35.7856



6.3041, 6.4740, 8.3240



5.0022, 2.0959, 26.0481



0.0947, 0.0481, 0.4675

Previews

White Background



This preview shows how the XYZ color 30.3224, 33.0490, 26.6107 looks on a white background.

Color Contrast Check

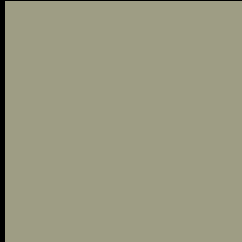
Large Text (above 18pt) WCAG AA × Fail

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 30.3224, 33.0490, 26.6107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

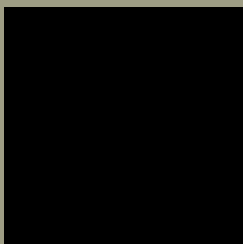
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

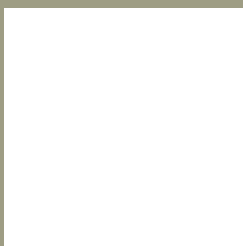
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3224, 33.0490, 26.6107

Background



This preview shows how black text looks on a background with the XYZ color 30.3224, 33.0490, 26.6107.



This preview shows how white text looks on a background with the XYZ color 30.3224, 33.0490,

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

30.3224, 33.0490, 26.6107

Protanopia

31.1279, 32.9739, 26.1967

Deuteranopia

33.5001, 32.9711, 26.7887



Tritanopia

32.8294, 32.8182, 39.7262

Trichromacy



Original Color

30.3224, 33.0490, 26.6107

Protanomaly

30.8855, 33.0970, 26.2333

Deuteranomaly

32.4195, 33.1338, 26.8771

Tritanomaly

31.9210, 32.9553, 34.3843

Monochromacy



Original Color

30.3224, 33.0490, 26.6107

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4272, 32.4866, 31.8610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3224, 33.0490, 26.6107 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(158, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(158, 157, 132)  
}
```

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(158, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 132) }
```

Border

The CSS property to change the border of an element to XYZ 30.3224, 33.0490, 26.6107 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(158, 157, 132) }
```


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

```
.border{ border-color:rgb(158, 157, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 157, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3224, 33.0490, 26.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 132) }
```

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

```
.background{ background-color: rgb(158,  
157, 132) }
```

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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