

Converting Colors

XYZ(30.6872, 32.6973, 34.5884)

Have a look what the booklet for
XYZ(30.6872, 32.6973, 34.5884)
contains.

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Color

**XYZ(30.6928, 32.8162,
34.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	999C98
RGB	153, 156, 152
RGB Percent	60%, 61%, 60%
CMY	0.4000, 0.3882, 0.4039
CMYK	0.02, 0.00, 0.03, 0.39
HSL	105°, 2%, 60%
HSV	105°, 3%, 61%
XYZ	30.6928, 32.8162, 34.4222
YIQ	154.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

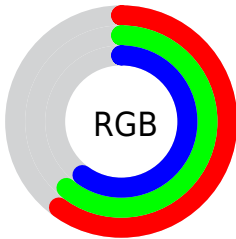
Format	Color
RYB	152, 156, 155
Decimal	10067096
CIELab	64.01, -1.85, 1.71
CIELCh	64, 2.513, 137.253
Yxy	32.8162, 0.3134, 0.3351
Android (android.graphics.Color)	4288257176 (0xFF999C98)
YUV	154.6470, -1.3050, -1.4444
Hunter-Lab	57.2854, -4.6115, 4.4731

Details

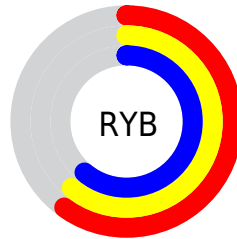
The XYZ color **30.6928, 32.8162, 34.4222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7478, 31.8262, 35.9766**, and the grayscale version is **31.0063, 32.6210, 35.5243**.

A 20% lighter version of the original color is **59.9193, 63.8148, 67.5519**, and **12.8800, 13.8675, 14.3098** is the 20% darker color. If you saturate the color by 10%, you get **27.3968, 31.2560, 28.0312**, and if you desaturate by 10%, it is **34.3755, 34.5581, 41.7100**.

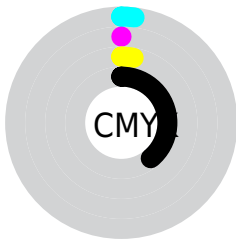
Distribution



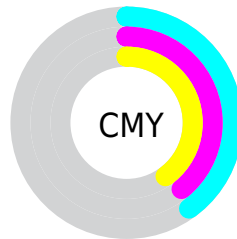
- Red (60%)
- Green (61%)
- Blue (60%)



- Red (60%)
- Yellow (61%)
- Blue (61%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6928, 32.8162, 34.4222 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 30.6928, 32.8162, 34.4222 by changing the saturation by 10% instead.

■ 30.6928, 32.8162,
34.4222

■ 30.6928, 32.8162,
34.4222

296.9728,
314.8207, 336.8370

■ 20.5157, 21.9857,
22.9382

■ 60.1352, 64.0885,
67.7311

■ 12.8809, 13.8464,
14.3430

■ 80.1313, 85.2990,
90.3930

■ 7.4230, 8.0139,
8.2181

104.1310,
110.7383, 117.6179

■ 3.7767, 4.1038,
4.1451

132.4998,
140.7908, 149.8244

■ 1.5766, 1.7318,
1.7053

165.6031,
175.8410, 187.4310

■ 0.3771, 0.4441,
0.3643

203.8061,

■ 0.0000, 0.0000,

216.2730, 230.8563

0.0000

247.4742,
262.4715, 280.5188

■ 30.6928, 32.8162,
34.4222

■ 30.6928, 32.8162,
34.4222

■ 27.3968, 31.2560,
28.0312

■ 34.3755, 34.5581,
41.7100

■ 24.4719, 29.8676,
22.5002

■ 38.4541, 36.4832,
49.9252

■ 21.9056, 28.6462,
17.7933

■ 42.9412, 38.5979,
59.0994

■ 19.6838, 27.5853,
13.8708

■ 47.8479, 40.9076,
69.2623

■ 17.7911, 26.6780,
10.6901

■ 53.1848, 43.4169,
80.4422

■ 16.2110, 25.9168,
8.2044

■ 58.9622, 46.1307,
92.6663

■ 14.9257, 25.2937,
6.3617

■ 64.1748, 48.6474,
100.6152

■ 13.9152, 24.7995,
5.1024

■ 68.1654, 50.7046,
100.8020

■ 13.1565, 24.4242,
4.3560

■ 71.1791, 52.2582,
100.9430

Harmonies

Analogous

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



30.9890, 32.8162, 33.8987



30.6928, 32.8162, 34.4222



30.5305, 32.8162, 35.3021

Triad

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



30.6928, 32.8162, 34.4222



31.0406, 32.8162, 37.6698



31.8465, 32.8162, 35.1553

Complementary

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



30.6928, 32.8162, 34.4222



30.7478, 31.8262, 35.9766

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.



31.8606, 32.8162, 36.1638



30.6928, 32.8162, 34.4222



31.3935, 32.8162, 37.6287

Square

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



30.6928, 32.8162, 34.4222



30.7303, 32.8162, 37.1845



31.6942, 32.8162, 37.0731



31.6559, 32.8162, 34.3164

Rectangle

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



30.6928, 32.8162, 34.4222



30.5193, 32.8162, 35.9783



31.6942, 32.8162, 37.0731



31.8721, 32.8162, 35.4853

Sweetspot

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



30.6937, 32.8176, 34.4229



56.7332, 60.0703, 64.4568



31.1005, 32.7790, 34.3940



12.4925, 13.2222, 14.2005



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.



30.6937, 32.8176, 34.4229



55.4339, 59.4555, 61.9079



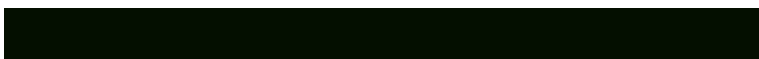
30.5881, 32.7536, 34.8477



7.1348, 7.6838, 7.9242



10.5086, 19.9541, 3.2977



0.2229, 0.3748, 0.0606

Inverse Universe

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



30.7478, 31.8262, 35.9766



55.5506, 57.3153, 65.2619



30.8561, 31.8918, 35.5411



7.1531, 7.3494, 8.4483



11.0215, 5.1108, 26.3128



0.2328, 0.1098, 0.4722

Previews

White Background



This preview shows how the XYZ color 30.6928, 32.8162, 34.4222 looks on a white background.

Color Contrast Check

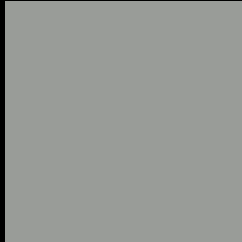
Large Text (above 18pt) WCAG AA × Fail

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 30.6928, 32.8162, 34.4222 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 30.6928, 32.8162, 34.4222

Background



This preview shows how black text looks on a background with the XYZ color 30.6928, 32.8162, 34.4222.



This preview shows how white text looks on a background with the XYZ color 30.6928, 32.8162,

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

30.6928, 32.8162, 34.4222

Protanopia

31.4396, 32.7165, 33.9360

Deuteranopia

33.4507, 32.7705, 34.6993



Tritanopia

31.9561, 32.8329, 40.7295

Trichromacy



Original Color

30.6928, 32.8162, 34.4222

Protanomaly

31.2119, 32.8452, 33.9729

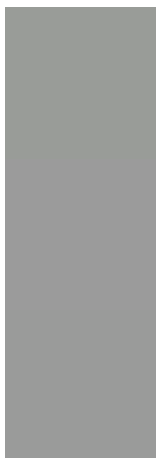
Deuteranomaly

32.2878, 32.6489, 34.7371

Tritanomaly

31.4808, 32.8859, 38.4066

Monochromacy



Original Color

30.6928, 32.8162, 34.4222

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8805, 32.6458, 35.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6928, 32.8162, 34.4222 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(153, 156, 152)` looks like.

```
.text, #text, p{  
    color:rgb(153, 156, 152)  
}
```

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(153, 156, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 156, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.6928, 32.8162, 34.4222 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(153, 156, 152) }
```


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

```
.border{ border-color:rgb(153, 156, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 156, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 156, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 156, 152);  
box-shadow:4px 4px 4px 4px rgb(153, 156,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6928, 32.8162, 34.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 156, 152) }
```

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

```
.background{ background-color: rgb(153,  
156, 152) }
```

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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