

Converting Colors

XYZ(30.9304, 33.4962, 32.0257)

Have a look what the booklet for
XYZ(30.9304, 33.4962, 32.0257)
contains.

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Color

**XYZ(30.9327, 33.4976,
32.0295)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9E92
RGB	155, 158, 146
RGB Percent	61%, 62%, 57%
CMY	0.3922, 0.3804, 0.4274
CMYK	0.02, 0.00, 0.08, 0.38
HSL	75°, 6%, 60%
HSV	75°, 8%, 62%
XYZ	30.9327, 33.4976, 32.0295
YIQ	155.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

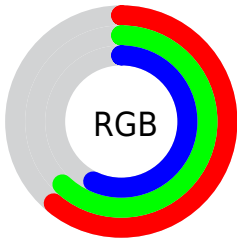
Format	Color
RYB	146, 158, 149
Decimal	10198674
CIELab	64.56, -3.32, 5.89
CIELCh	65, 6.761, 119.456
Yxy	33.4976, 0.3207, 0.3473
Android (android.graphics.Color)	4288388754 (0xFF9B9E92)
YUV	155.7350, -4.7994, -0.6446
Hunter-Lab	57.8771, -5.8848, 7.7026

Details

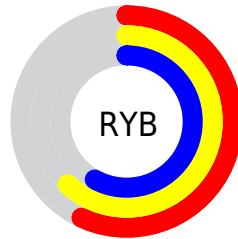
The XYZ color **30.9327, 33.4976, 32.0295** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8462, 29.4169, 36.5072**, and the grayscale version is **31.5027, 33.1432, 36.0930**.

A 20% lighter version of the original color is **60.5141, 65.3139, 64.0610**, and **13.0779, 14.3030, 13.1378** is the 20% darker color. If you saturate the color by 10%, you get **29.0415, 32.6560, 25.9624**, and if you desaturate by 10%, it is **33.0205, 34.4229, 38.9940**.

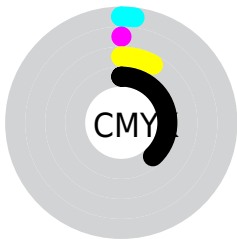
Distribution



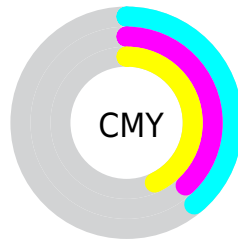
- Red (61%)
- Green (62%)
- Blue (57%)



- Red (57%)
- Yellow (62%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9327, 33.4976, 32.0295 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 30.9327, 33.4976, 32.0295 by changing the saturation by 10% instead.

■ 30.9327, 33.4976,
32.0295

■ 30.9327, 33.4976,
32.0295

298.0606,
317.8860, 325.7505

■ 20.6992, 22.5079,
21.1190

■ 60.5107, 65.1516,
63.9558

■ 13.0155, 14.2306,
13.0189

■ 80.5858, 86.5848,
85.8087

■ 7.5163, 8.2812,
7.3107

104.6722,
112.2678, 112.1461

■ 3.8362, 4.2754,
3.5758

133.1352,
142.5852, 143.3866

■ 1.6099, 1.8288,
1.3956

166.3402,
177.9213, 179.9488

■ 0.3988, 0.5050,
0.1383

204.6526,

■ 0.0000, 0.0000,

218.6606, 222.2511

0.0000

248.4375,
265.1874, 270.7122

■ 30.9327, 33.4976,
32.0295

■ 30.9327, 33.4976,
32.0295

■ 29.0415, 32.6560,
25.9624

■ 33.0205, 34.4229,
38.9940

■ 27.3370, 31.8908,
20.7541

■ 35.3089, 35.4303,
46.8880

■ 25.8125, 31.2004,
16.3662

■ 37.8052, 36.5237,
55.7450

■ 24.4597, 30.5815,
12.7568

■ 40.5156, 37.7058,
65.5959

■ 23.2698, 30.0305,
9.8801

■ 43.4459, 38.9787,
76.4703

■ 22.2328, 29.5434,
7.6857

■ 46.6017, 40.3449,
88.3965

■ 21.3378, 29.1158,
6.1166

■ 49.7290, 41.7027,
100.0362

■ 20.5719, 28.7426,
5.1068

■ 50.6805, 42.1932,
100.0807

■ 19.9136, 28.4150,
4.5441

■ 51.6587, 42.6975,
100.1265

Harmonies

Analogous

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



31.8561, 33.4976, 31.4025



30.9327, 33.4976, 32.0295



30.2636, 33.4976, 33.8330

Triad

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



30.9327, 33.4976, 32.0295



30.9027, 33.4976, 41.2550



33.7345, 33.4976, 36.5238

Complementary

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



30.9327, 33.4976, 32.0295



28.8462, 29.4169, 36.5072

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.



33.4671, 33.4976, 39.2473



30.9327, 33.4976, 32.0295



31.8208, 33.4976, 42.0623

Square

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



30.9327, 33.4976, 32.0295



30.2465, 33.4976, 39.1554



32.7617, 33.4976, 41.3100



33.4853, 33.4976, 33.9163

Rectangle

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



30.9327, 33.4976, 32.0295



30.0450, 33.4976, 35.5072



32.7617, 33.4976, 41.3100



33.7019, 33.4976, 37.4565

Sweetspot

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



30.9336, 33.4991, 32.0302



58.2338, 61.7447, 64.9863



30.0375, 30.8404, 31.5643



13.1390, 13.9248, 14.6853



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.



30.9336, 33.4991, 32.0302



55.6064, 60.5794, 56.3169



29.8107, 32.9202, 31.9777



7.0080, 7.6368, 7.0903



15.8641, 22.7149, 3.5483



0.3194, 0.4246, 0.0651

Inverse Universe

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



28.8462, 29.4169, 36.5072



51.0758, 51.7191, 66.0342



29.9692, 29.9958, 36.5598



6.4326, 6.5115, 8.3245



5.6610, 2.3474, 26.0620



0.1363, 0.0601, 0.4676

Previews

White Background



This preview shows how the XYZ color 30.9327, 33.4976, 32.0295 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 30.9327, 33.4976, 32.0295 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

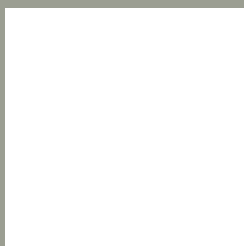
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9327, 33.4976, 32.0295

Background



This preview shows how black text looks on a background with the XYZ color 30.9327, 33.4976, 32.0295.



This preview shows how white text looks on a background with the XYZ color 30.9327, 33.4976,

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

30.9327, 33.4976, 32.0295

Protanopia

31.8996, 33.5026, 31.5734

Deuteranopia

34.0123, 33.3538, 32.2490



Tritanopia

32.7969, 33.5018, 41.2971

Trichromacy



Original Color

30.9327, 33.4976, 32.0295

Protanomaly

31.4659, 33.5292, 31.6014

Deuteranomaly

32.9705, 33.5426, 32.3404

Tritanomaly

32.0511, 33.4482, 37.5678

Monochromacy



Original Color

30.9327, 33.4976, 32.0295

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.4348, 33.4489, 34.5052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9327, 33.4976, 32.0295 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(155, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 146)  
}
```

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(155, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.9327, 33.4976, 32.0295 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(155, 158, 146) }
```


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

```
.border{ border-color:rgb(155, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9327, 33.4976, 32.0295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 146) }
```

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

```
.background{ background-color: rgb(155,  
158, 146) }
```

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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