

Converting Colors

XYZ(30.9984, 35.0220, 32.9016)

Have a look what the booklet for
XYZ(30.9984, 35.0220, 32.9016)
contains.

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Color

**XYZ(30.9363, 35.0471,
32.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	95A493
RGB	149, 164, 147
RGB Percent	58%, 64%, 58%
CMY	0.4157, 0.3568, 0.4235
CMYK	0.09, 0.00, 0.10, 0.36
HSL	113°, 9%, 61%
HSV	113°, 10%, 64%
XYZ	30.9363, 35.0471, 32.7380
YIQ	157.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

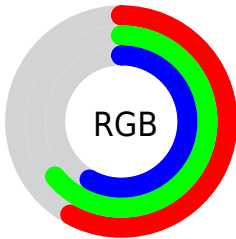
Format	Color
RYB	147, 164, 162
Decimal	9806995
CIELab	65.79, -8.59, 7.02
CIElCh	66, 11.092, 140.716
Yxy	35.0471, 0.3134, 0.3550
Android (android.graphics.Color)	4287997075 (0xFF95A493)
YUV	157.5770, -5.2145, -7.5220
Hunter-Lab	59.2006, -10.3228, 8.6530

Details

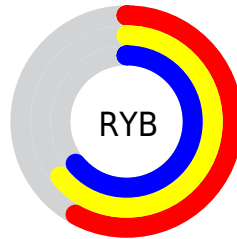
The XYZ color **30.9363, 35.0471, 32.7380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0364, 31.2302, 39.4634**, and the grayscale version is **32.3327, 34.0165, 37.0440**.

A 20% lighter version of the original color is **60.5027, 67.5766, 65.1131**, and **12.9425, 15.0295, 13.2852** is the 20% darker color. If you saturate the color by 10%, you get **27.2619, 33.2921, 26.3203**, and if you desaturate by 10%, it is **35.1243, 37.0476, 40.1390**.

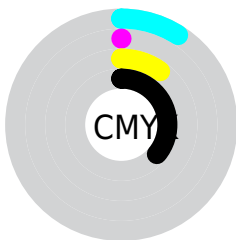
Distribution



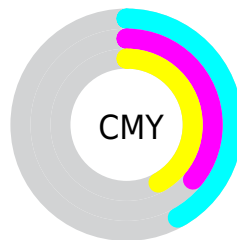
- Red (58%)
- Green (64%)
- Blue (58%)



- Red (58%)
- Yellow (64%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9363, 35.0471, 32.7380 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 30.9363, 35.0471, 32.7380 by changing the saturation by 10% instead.

■ 30.9363, 35.0471,
32.7380

■ 30.9363, 35.0471,
32.7380

298.0769,
324.7762, 329.0632

■ 20.7019, 23.6992,
21.6563

■ 60.5163, 67.5587,
65.0776

■ 13.0175, 15.1106,
13.4087

■ 80.5926, 89.4912,
87.1725

■ 7.5177, 8.8970,
7.5766

104.6803,
115.7206, 113.7757

■ 3.8371, 4.6741,
3.7414

133.1448,
146.6314, 145.3056

■ 1.6104, 2.0573,
1.4845

166.3513,
182.6080, 182.1807

■ 0.3992, 0.6405,
0.2064

204.6652,

■ 0.0000, 0.0000,

224.0347, 224.8197

0.0000

248.4520,
271.2960, 273.6410

■ 30.9363, 35.0471,
32.7380

■ 30.9363, 35.0471,
32.7380

■ 27.2619, 33.2921,
26.3203

■ 35.1243, 37.0476,
40.1390

■ 24.0784, 31.7690,
20.8424

■ 39.8416, 39.2980,
48.5598

■ 21.3660, 30.4692,
16.2609

■ 45.1069, 41.8080,
58.0378

■ 19.1019, 29.3823,
12.5280

■ 50.9370, 44.5857,
68.6081

■ 17.2619, 28.4969,
9.5916

■ 57.3482, 47.6385,
80.3037

■ 15.8193, 27.8003,
7.3938

■ 64.3558, 50.9738,
93.1567

■ 14.7443, 27.2788,
5.8689

■ 70.8597, 54.1526,
101.3255

■ 14.0026, 26.9162,
4.9397

■ 72.5662, 55.0324,
101.4054

■ 13.5503, 26.6937,
4.4382

Harmonies

Analogous

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



32.2113, 35.0471, 30.3421



30.9363, 35.0471, 32.7380



30.3035, 35.0471, 36.7260

Triad

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



30.9363, 35.0471, 32.7380



32.8065, 35.0471, 47.7550



36.3396, 35.0471, 35.0628

Complementary

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



30.9363, 35.0471, 32.7380



32.0364, 31.2302, 39.4634

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.



36.5116, 35.0471, 39.6316



30.9363, 35.0471, 32.7380



34.4359, 35.0471, 47.2179

Square

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



30.9363, 35.0471, 32.7380



31.3598, 35.0471, 45.5632



35.8047, 35.0471, 44.1506



35.3420, 35.0471, 31.6061

Rectangle

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



30.9363, 35.0471, 32.7380



30.3163, 35.0471, 39.8593



35.8047, 35.0471, 44.1506



36.4971, 35.0471, 36.5103

Sweetspot

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



30.9373, 35.0486, 32.7388



61.6162, 66.2242, 69.0639



33.4513, 35.7477, 32.7412



13.3373, 14.4143, 14.8629



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.9373, 35.0486, 32.7388



54.8444, 62.9904, 57.1255



31.0783, 35.0632, 35.3690



7.0594, 7.9331, 7.5393



10.4118, 20.4779, 3.4039



0.2402, 0.4413, 0.0725

Inverse Universe

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



32.0364, 31.2302, 39.4634



57.1674, 54.9191, 71.3397



31.8963, 31.2215, 36.5891



7.2820, 7.1597, 8.9012



14.0790, 6.6645, 27.4741



0.3174, 0.1512, 0.5783

Previews

White Background



This preview shows how the XYZ color 30.9363, 35.0471, 32.7380 looks on a white background.

Color Contrast Check

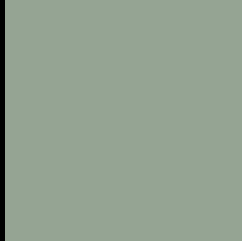
Large Text (above 18pt) WCAG AA × Fail

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 30.9363, 35.0471, 32.7380 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

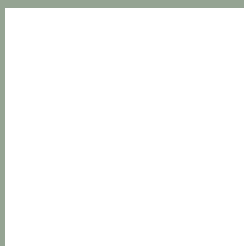
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9363, 35.0471, 32.7380

Background



This preview shows how black text looks on a background with the XYZ color 30.9363, 35.0471, 32.7380.



This preview shows how white text looks on a background with the XYZ color 30.9363, 35.0471,

32.7380.

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

30.9363, 35.0471, 32.7380

Protanopia

33.1581, 34.9169, 31.3776

Deuteranopia

35.5708, 34.8648, 33.2886



Tritanopia

33.2505, 34.9310, 44.5250

Trichromacy



Original Color

30.9363, 35.0471, 32.7380

Protanomaly

32.3529, 35.0077, 31.8400

Deuteranomaly

33.7206, 34.9167, 32.9793

Tritanomaly

32.3946, 34.8455, 40.1404

Monochromacy



Original Color

30.9363, 35.0471, 32.7380

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.9211, 34.4433, 35.5376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9363, 35.0471, 32.7380 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(149, 164, 147) looks like.

```
.text, #text, p{  
    color:rgb(149, 164, 147)  
}
```

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(149, 164, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 164, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.9363, 35.0471, 32.7380 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(149, 164, 147) }
```


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

```
.border{ border-color:rgb(149, 164, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 164, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 164, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 164, 147);  
box-shadow:4px 4px 4px 4px rgb(149, 164,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9363, 35.0471, 32.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 164, 147) }
```

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

```
.background{ background-color: rgb(149,  
164, 147) }
```

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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