

Converting Colors

XYZ(31.9253, 32.9270, 30.5686)

Have a look what the booklet for
XYZ(31.9253, 32.9270, 30.5686)
contains.

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Color

**XYZ(32.0306, 33.0937,
30.6861)**

Conversions

Conversions Part 1

Format	Color
Hex	A59A8F
RGB	165, 154, 143
RGB Percent	65%, 60%, 56%
CMY	0.3529, 0.3961, 0.4392
CMYK	0.00, 0.07, 0.13, 0.35
HSL	30°, 11%, 60%
HSV	30°, 13%, 65%
XYZ	32.0306, 33.0937, 30.6861
YIQ	156.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

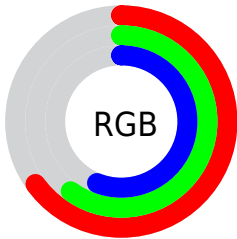
Format	Color
RYB	165, 165, 143
Decimal	10853007
CIELab	64.24, 2.10, 7.21
CIELCh	64, 7.512, 73.778
Yxy	33.0937, 0.3343, 0.3454
Android (android.graphics.Color)	4289043087 (0xFFA59A8F)
YUV	156.0350, -6.4263, 7.8623
Hunter-Lab	57.5271, -1.2852, 8.6425

Details

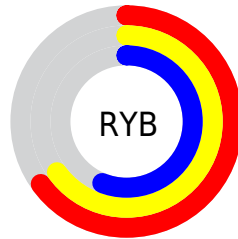
The XYZ color **32.0306, 33.0937, 30.6861** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6747, 31.6669, 40.1460**, and the grayscale version is **31.6409, 33.2887, 36.2514**.

A 20% lighter version of the original color is **62.1491, 64.3586, 61.9702**, and **13.6361, 14.0015, 12.3398** is the 20% darker color. If you saturate the color by 10%, you get **29.5569, 30.0015, 24.1416**, and if you desaturate by 10%, it is **34.7836, 36.4495, 38.2316**.

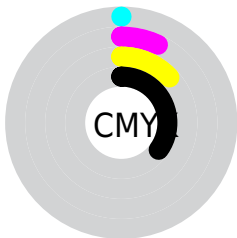
Distribution



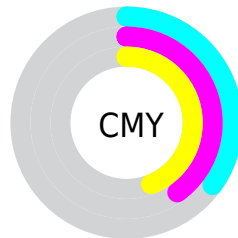
- Red (65%)
- Green (60%)
- Blue (56%)



- Red (65%)
- Yellow (65%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0306, 33.0937, 30.6861 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 32.0306, 33.0937, 30.6861 by changing the saturation by 10% instead.

■ 32.0306, 33.0937,
30.6861

■ 32.0306, 33.0937,
30.6861

303.0014,
316.0717, 319.3959

■ 21.5405, 22.1982,
20.1035

■ 62.2239, 64.5218,
61.8193

■ 13.6344, 14.0026,
12.2855

■ 82.6579, 85.8232,
83.2070

■ 7.9468, 8.1225,
6.8135

107.1372,
111.3621, 109.0334

■ 4.1125, 4.1734,
3.2691

136.0272,
141.5227, 139.7171

■ 1.7659, 1.7710,
1.2336

169.6933,
176.6897, 175.6767

■ 0.4970, 0.4690,
0.0064

208.5008,

■ 0.0000, 0.0000,

217.2472, 217.3306

0.0000

252.8151,
263.5798, 265.0975

■ 32.0306, 33.0937,
30.6861

■ 32.0306, 33.0937,
30.6861

■ 29.5569, 30.0015,
24.1416

■ 34.7836, 36.4495,
38.2316

■ 27.3499, 27.1615,
18.5533

■ 37.8224, 40.0712,
46.8160

■ 25.3999, 24.5680,
13.8760

■ 41.1568, 43.9664,
56.4781

■ 23.6958, 22.2132,
10.0600

■ 44.7953, 48.1415,
67.2538

■ 22.2251, 20.0889,
7.0509

■ 48.7459, 52.6022,
79.1775

■ 20.9744, 18.1864,
4.7878

■ 53.0164, 57.3542,
92.2819

■ 19.9284, 16.4960,
3.2012

■ 57.0453, 62.1756,
103.6022

■ 19.0692, 15.0067,
2.2081

■ 59.1567, 66.3985,
104.3060

■ 18.5741, 14.1133,
1.7452

■ 61.3750, 70.8349,
105.0454

Harmonies

Analogous

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



32.9577, 33.0937, 32.1230



32.0306, 33.0937, 30.6861



30.9690, 33.0937, 30.6279

Triad

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



32.0306, 33.0937, 30.6861



29.5057, 33.0937, 37.4495



32.8940, 33.0937, 40.4398

Complementary

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



32.0306, 33.0937, 30.6861



29.6747, 31.6669, 40.1460

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.



31.9452, 33.0937, 42.0402



32.0306, 33.0937, 30.6861



29.9978, 33.0937, 40.2490

Square

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



32.0306, 33.0937, 30.6861



29.5274, 33.0937, 34.4184



30.8855, 33.0937, 41.9684



33.4638, 33.0937, 37.6982

Rectangle

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



32.0306, 33.0937, 30.6861



30.3288, 33.0937, 31.3714



30.8855, 33.0937, 41.9684



32.6079, 33.0937, 41.1358

Sweetspot

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



32.0315, 33.0952, 30.6868



61.9120, 64.8169, 67.4062



31.1727, 29.9778, 34.7156



13.4541, 14.0723, 14.5113



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.



32.0315, 33.0952, 30.6868



56.0027, 57.5824, 51.3044



33.9305, 36.8932, 31.3198



7.3527, 7.6438, 7.4680



14.1014, 10.7767, 1.3369



0.3436, 0.3210, 0.0438

Inverse Universe

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



29.6747, 31.6669, 40.1460



50.9485, 54.5193, 71.5903



27.9421, 28.2016, 39.5685



6.9793, 7.4175, 8.9669



7.4978, 6.7750, 27.8423



0.2048, 0.2369, 0.6008

Previews

White Background



This preview shows how the XYZ color 32.0306, 33.0937, 30.6861 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 32.0306, 33.0937, 30.6861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

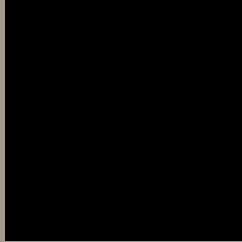
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0306, 33.0937, 30.6861

Background



This preview shows how black text looks on a background with the XYZ color 32.0306, 33.0937, 30.6861.

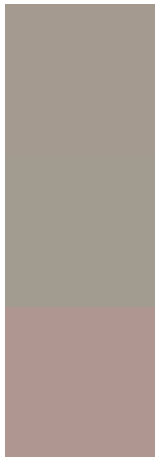


This preview shows how white text looks on a background with the XYZ color 32.0306, 33.0937, 30.6861.

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

32.0306, 33.0937, 30.6861

Protanopia

31.4533, 33.0334, 31.1039

Deuteranopia

33.6196, 32.9403, 30.9717



Tritanopia

33.8259, 33.1024, 39.2569

Trichromacy



Original Color

32.0306, 33.0937, 30.6861

Protanomaly

31.6557, 33.1377, 31.1133

Deuteranomaly

32.8952, 32.8048, 30.9837

Tritanomaly

33.1653, 33.0723, 36.0881

Monochromacy



Original Color

32.0306, 33.0937, 30.6861

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6053, 33.0480, 33.9913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0306, 33.0937, 30.6861 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(165, 154, 143)` looks like.

```
.text, #text, p{  
    color:rgb(165, 154, 143)  
}
```

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(165, 154, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 154, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.0306, 33.0937, 30.6861 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(165, 154, 143) }
```


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

```
.border{ border-color:rgb(165, 154, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 154, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(165, 154,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0306, 33.0937, 30.6861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 154, 143) }
```

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

```
.background{ background-color: rgb(165,  
154, 143) }
```

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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