

Converting Colors

XYZ(30.9085, 32.9244, 40.6164)

Have a look what the booklet for
XYZ(30.9085, 32.9244, 40.6164)
contains.

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Color

**XYZ(30.9725, 33.0702,
40.8271)**

Conversions

Conversions Part 1

Format	Color
Hex	939DA6
RGB	147, 157, 166
RGB Percent	58%, 62%, 65%
CMY	0.4235, 0.3843, 0.3490
CMYK	0.11, 0.05, 0.00, 0.35
HSL	208°, 10%, 61%
HSV	208°, 11%, 65%
XYZ	30.9725, 33.0702, 40.8271
YIQ	155.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

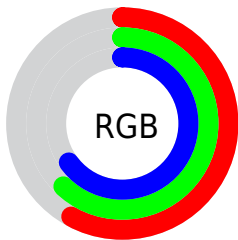
Format	Color
RYB	147, 154, 166
Decimal	9674150
CIELab	64.22, -1.69, -5.91
CIElCh	64, 6.152, 254.015
Yxy	33.0702, 0.2953, 0.3153
Android (android.graphics.Color)	4287864230 (0xFF939DA6)
YUV	155.0360, 5.4053, -7.0476
Hunter-Lab	57.5067, -4.4985, -1.8385

Details

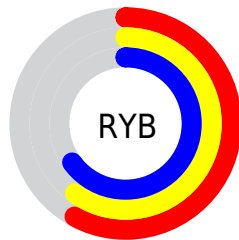
The XYZ color **30.9725, 33.0702, 40.8271** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8808, 33.9901, 32.4320**, and the grayscale version is **31.1521, 32.7744, 35.6913**.

A 20% lighter version of the original color is **60.6820, 64.7249, 77.7015**, and **13.0152, 14.0098, 17.9378** is the 20% darker color. If you saturate the color by 10%, you get **26.9207, 29.0710, 40.2692**, and if you desaturate by 10%, it is **35.5414, 37.4648, 41.4351**.

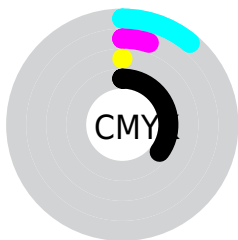
Distribution



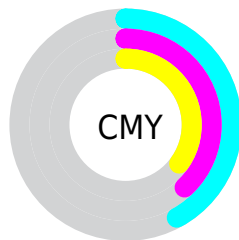
- Red (58%)
- Green (62%)
- Blue (65%)



- Red (58%)
- Yellow (60%)
- Blue (65%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9725, 33.0702, 40.8271 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 30.9725, 33.0702, 40.8271 by changing the saturation by 10% instead.

■ 30.9725, 33.0702,
40.8271

■ 30.9725, 33.0702,
40.8271

298.2407,
315.9659, 365.2527

■ 20.7296, 22.1802,
27.8653

■ 60.5729, 64.4851,
77.6722

■ 13.0378, 13.9894,
17.9860

■ 80.6612, 85.7788,
102.3926

■ 7.5318, 8.1133,
10.7706

104.7619,
111.3093, 131.8695

■ 3.8461, 4.1675,
5.8006

133.2405,
141.4608, 166.5217

■ 1.6154, 1.7677,
2.6574

166.4624,
176.6179, 206.7675

■ 0.4024, 0.4669,
0.9219

204.7928,

■ 0.0000, 0.0000,

217.1648, 253.0256

0.0000

248.5971,
263.4860, 305.7145

■ 30.9725, 33.0702,
40.8271

■ 30.9725, 33.0702,
40.8271

■ 26.9207, 29.0710,
40.2692

■ 35.5414, 37.4648,
41.4351

■ 23.3631, 25.4503,
39.7579

■ 40.6433, 42.2626,
42.0922

■ 20.2795, 22.1963,
39.2923

■ 46.2969, 47.4765,
42.8006

■ 17.6470, 19.2945,
38.8710

■ 52.5191, 53.1172,
43.5615

■ 15.4405, 16.7294,
38.4922

■ 59.3261, 59.1954,
44.3759

■ 13.6324, 14.4842,
38.1541

■ 66.7335, 65.7211,
45.2451

■ 12.1913, 12.5398,
37.8547

■ 71.6739, 71.1150,
46.0258

■ 11.0804, 10.8744,
37.5918

■ 73.6875, 75.1421,
46.6970

■ 10.3231, 9.6334,
37.3922

■ 75.7981, 79.3633,
47.4005

Harmonies

Analogous

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



30.2411, 33.0702, 39.4506



30.9725, 33.0702, 40.8271



31.8403, 33.0702, 40.8736

Triad

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



30.9725, 33.0702, 40.8271



33.0882, 33.0702, 34.8567



30.2808, 33.0702, 32.6618

Complementary

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



30.9725, 33.0702, 40.8271



32.8808, 33.9901, 32.4320

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.



31.0277, 33.0702, 31.5444



30.9725, 33.0702, 40.8271



32.6542, 33.0702, 32.7714

Square

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



30.9725, 33.0702, 40.8271



33.0728, 33.0702, 37.3472



31.8965, 33.0702, 31.5836



29.8469, 33.0702, 34.7009

Rectangle

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



30.9725, 33.0702, 40.8271



32.3801, 33.0702, 40.1390



31.8965, 33.0702, 31.5836



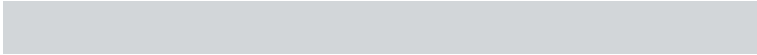
30.5030, 33.0702, 32.1703

Sweetspot

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



30.9735, 33.0716, 40.8278



63.1041, 66.6614, 75.0163



31.6588, 35.8718, 36.6492



13.9698, 14.7727, 16.7673



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.9735, 33.0716, 40.8278



54.0500, 57.9064, 73.8036



29.4485, 30.0217, 40.3195



7.4464, 7.9297, 9.5565



8.0521, 7.5643, 29.0112



0.2466, 0.2854, 0.7227

Inverse Universe

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



32.2461, 31.4094, 36.2630



56.8911, 54.2844, 63.5930



34.5142, 37.2568, 32.9764



7.6899, 7.6058, 8.6842



13.5649, 6.8347, 7.7863



0.3556, 0.1765, 0.3241

Previews

White Background



This preview shows how the XYZ color 30.9725, 33.0702, 40.8271 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 30.9725, 33.0702, 40.8271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

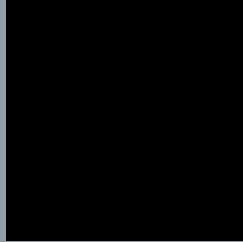
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

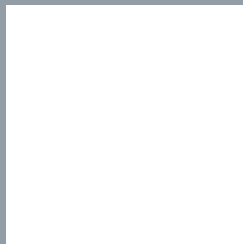
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9725, 33.0702, 40.8271

Background



This preview shows how black text looks on a background with the XYZ color 30.9725, 33.0702, 40.8271.



This preview shows how white text looks on a background with the XYZ color 30.9725, 33.0702,

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

30.9725, 33.0702, 40.8271

Protanopia

32.2232, 33.2272, 40.3125

Deuteranopia

33.5587, 32.9226, 41.1452



Tritanopia

31.4311, 33.2744, 42.3021

Trichromacy



Original Color

30.9725, 33.0702, 40.8271

Protanomaly

31.8169, 33.2659, 40.3413

Deuteranomaly

32.4668, 32.8416, 41.1871

Tritanomaly

31.3376, 33.2370, 41.8095

Monochromacy



Original Color

30.9725, 33.0702, 40.8271

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.0954, 32.9555, 37.5230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9725, 33.0702, 40.8271 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(147, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(147, 157, 166)  
}
```

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(147, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 157, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.9725, 33.0702, 40.8271 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(147, 157, 166) }
```


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

```
.border{ border-color:rgb(147, 157, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(147, 157,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9725, 33.0702, 40.8271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 157, 166) }
```

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

```
.background{ background-color: rgb(147,  
157, 166) }
```

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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