

Converting Colors

XYZ(31.6530, 30.6683, 42.6592)

Have a look what the booklet for
XYZ(31.6530, 30.6683, 42.6592)
contains.

XYZ(31.7301, 30.7671, 42.7944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.7301, 30.7671,
42.7944)**

Conversions

Conversions Part 1

Format	Color
Hex	9E92AB
RGB	158, 146, 171
RGB Percent	62%, 57%, 67%
CMY	0.3804, 0.4274, 0.3294
CMYK	0.08, 0.15, 0.00, 0.33
HSL	269°, 13%, 62%
HSV	269°, 15%, 67%
XYZ	31.7301, 30.7671, 42.7944
YIQ	152.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

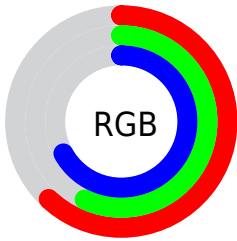
Format	Color
RYB	158, 146, 171
Decimal	10392235
CIELab	62.31, 9.31, -11.48
CIELCh	62, 14.782, 309.034
Yxy	30.7671, 0.3014, 0.2922
Android (android.graphics.Color)	4288582315 (0xFF9E92AB)
YUV	152.4380, 9.1511, 4.8779
Hunter-Lab	55.4681, 5.0404, -6.9154

Details

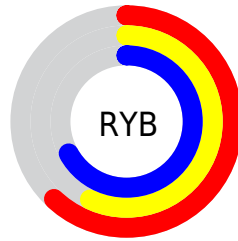
The XYZ color **31.7301, 30.7671, 42.7944** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0504, 38.5729, 32.8462**, and the grayscale version is **29.9970, 31.5591, 34.3679**.

A 20% lighter version of the original color is **61.8223, 60.9457, 80.4568**, and **13.5760, 12.8235, 19.2124** is the 20% darker color. If you saturate the color by 10%, you get **27.6026, 25.0152, 41.9022**, and if you desaturate by 10%, it is **36.3804, 37.3755, 43.8253**.

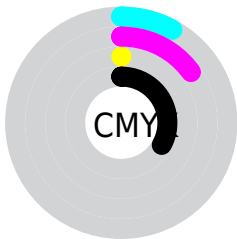
Distribution



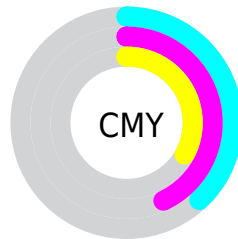
- Red (62%)
- Green (57%)
- Blue (67%)



- Red (62%)
- Yellow (57%)
- Blue (67%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7301, 30.7671, 42.7944 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 31.7301, 30.7671, 42.7944 by changing the saturation by 10% instead.

■ 31.7301, 30.7671,
42.7944

■ 31.7301, 30.7671,
42.7944

301.6551,
305.4639, 373.6619

■ 21.3100, 20.4216,
29.3936

■ 61.7558, 60.8732,
80.6835

■ 13.4645, 12.7019,
19.1307

■ 82.0921, 81.4026,
106.0090

■ 7.8284, 7.2236,
11.5870

106.4644,
106.0953, 136.1464

■ 4.0362, 3.6023,
6.3440

135.2382,
135.3359, 171.5143

■ 1.7226, 1.4537,
2.9832

168.7789,
169.5086, 212.5313

■ 0.4704, 0.2558,
1.0861

207.4516,

■ 0.0000, 0.0000,

208.9979, 259.6158

0.0000

251.6219,
254.1882, 313.1865

■ 31.7301, 30.7671,
42.7944

■ 31.7301, 30.7671,
42.7944

■ 27.6026, 25.0152,
41.9022

■ 36.3804, 37.3755,
43.8253

■ 23.9749, 20.0795,
41.1407

■ 41.5695, 44.8704,
44.9985

■ 20.8265, 15.9225,
40.5043

■ 47.3164, 53.2854,
46.3199

■ 18.1342, 12.5019,
39.9859

■ 53.6382, 62.6510,
47.7944

■ 15.8726, 9.7715,
39.5781

■ 60.5511, 72.9962,
49.4269

■ 14.0135, 7.6793,
39.2723

■ 68.0708, 84.3490,
51.2219

■ 12.5248, 6.1660,
39.0586

■ 72.7018, 89.7150,
52.0135

■ 11.3681, 5.1596,
38.9253

■ 75.4695, 91.1419,
52.1431

■ 10.8369, 4.7375,
38.8718

■ 78.3827, 92.6436,
52.2794

Harmonies

Analogous

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



29.8506, 30.7671, 45.5839



31.7301, 30.7671, 42.7944



32.9795, 30.7671, 37.5934

Triad

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



31.7301, 30.7671, 42.7944



30.6396, 30.7671, 24.2403



25.6107, 30.7671, 35.2577

Complementary

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



31.7301, 30.7671, 42.7944



34.0504, 38.5729, 32.8462

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.



25.8004, 30.7671, 29.7153



31.7301, 30.7671, 42.7944



28.6441, 30.7671, 23.7663

Square

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



31.7301, 30.7671, 42.7944



32.3302, 30.7671, 27.0375



26.8898, 30.7671, 25.6596



26.3593, 30.7671, 40.9183

Rectangle

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



31.7301, 30.7671, 42.7944



33.2552, 30.7671, 33.6860



26.8898, 30.7671, 25.6596



25.5676, 30.7671, 33.3149

Sweetspot

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



31.7310, 30.7684, 42.7951



65.6382, 67.6301, 78.5963



31.6614, 33.9635, 43.4155



14.4923, 14.8736, 17.4947



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.7310, 30.7684, 42.7951



53.9855, 51.1169, 76.0231



34.2441, 32.0639, 42.9127



7.9309, 7.9387, 10.0670



8.2295, 3.6023, 29.3061



0.2924, 0.1329, 0.8182

Inverse Universe

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



33.3325, 31.7202, 37.1681



57.5311, 53.2246, 63.5436



31.7551, 37.3896, 32.7388



8.1726, 8.0823, 9.2198



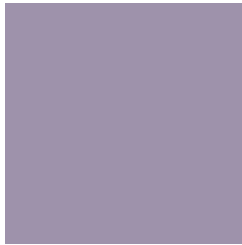
14.0444, 7.0803, 7.8793



0.4182, 0.2080, 0.3638

Previews

White Background



This preview shows how the XYZ color 31.7301, 30.7671, 42.7944 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 31.7301, 30.7671, 42.7944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

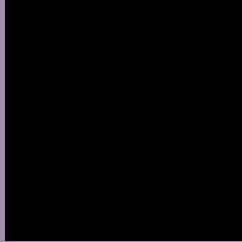
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7301, 30.7671, 42.7944

Background



This preview shows how black text looks on a background with the XYZ color 31.7301, 30.7671, 42.7944.



This preview shows how white text looks on a background with the XYZ color 31.7301, 30.7671,

42.7944.

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

31.7301, 30.7671, 42.7944

Protanopia

30.3229, 30.7151, 43.8656

Deuteranopia

31.4947, 30.8756, 42.8277



Tritanopia

30.6454, 30.7858, 37.5848

Trichromacy



Original Color

31.7301, 30.7671, 42.7944

Protanomaly

30.7988, 30.7377, 43.3394

Deuteranomaly

31.6890, 30.9758, 42.8368

Tritanomaly

31.0392, 30.7159, 39.4148

Monochromacy



Original Color

31.7301, 30.7671, 42.7944

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.4908, 31.1859, 37.2133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7301, 30.7671, 42.7944 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(158, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(158, 146, 171)  
}
```

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(158, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 146, 171) }
```

Border

The CSS property to change the border of an element to XYZ 31.7301, 30.7671, 42.7944 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(158, 146, 171) }
```


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

```
.border{ border-color:rgb(158, 146, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 146, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 146, 171);  
box-shadow:4px 4px 4px 4px rgb(158, 146,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7301, 30.7671, 42.7944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 146, 171) }
```

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

```
.background{ background-color: rgb(158,  
146, 171) }
```

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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