

Converting Colors

XYZ(32.6733, 31.5526, 50.2671)

Have a look what the booklet for
XYZ(32.6733, 31.5526, 50.2671)
contains.

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Color

**XYZ(32.6733, 31.5526,
50.2671)**

Conversions

Conversions Part 1

Format	Color
Hex	9A94B9
RGB	154, 148, 185
RGB Percent	60%, 58%, 73%
CMY	0.3961, 0.4196, 0.2745
CMYK	0.17, 0.20, 0.00, 0.27
HSL	250°, 21%, 65%
HSV	250°, 20%, 73%
XYZ	32.6733, 31.5526, 50.2671
YIQ	154.0120, -8.3010, 12.7790

Conversions

Conversions Part 2

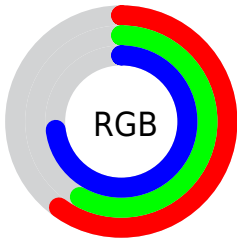
Format	Color
RYB	154, 148, 185
Decimal	10130617
CIELab	62.97, 9.86, -18.42
CIELCh	63, 20.892, 298.174
Yxy	31.5526, 0.2854, 0.2756
Android (android.graphics.Color)	4288320697 (0xFF9A94B9)
YUV	154.0120, 15.2771, -0.0105
Hunter-Lab	56.1717, 5.5273, -13.7374

Details

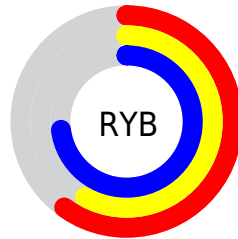
The XYZ color **32.6733, 31.5526, 50.2671** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.2856, 46.4205, 34.8024**, and the grayscale version is **30.6589, 32.2556, 35.1263**.

A 20% lighter version of the original color is **63.2922, 62.1472, 91.8788**, and **13.9190, 13.0401, 23.6132** is the 20% darker color. If you saturate the color by 10%, you get **27.2382, 24.7824, 49.2473**, and if you desaturate by 10%, it is **38.9552, 39.4494, 51.4607**.

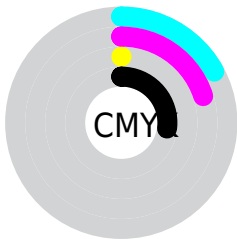
Distribution



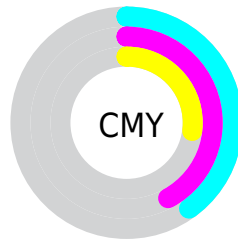
- Red (60%)
- Green (58%)
- Blue (73%)



- Red (60%)
- Yellow (58%)
- Blue (73%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6733, 31.5526, 50.2671 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 32.6733, 31.5526, 50.2671 by changing the saturation by 10% instead.

■ 32.6733, 31.5526,
50.2671

■ 32.6733, 31.5526,
50.2671

305.8661,
309.0761, 404.4745

■ 22.0343, 21.0200,
35.2530

■ 63.2232, 62.1090,
91.9709

■ 13.9989, 13.1386,
23.5727

■ 83.8649, 82.9017,
119.4976

■ 8.2016, 7.5241,
14.8077

108.5715,
107.8831, 152.0324

■ 4.2771, 3.7920,
8.5394

137.7084,
137.4377, 189.9936

■ 1.8601, 1.5579,
4.3493

171.6410,
171.9500, 233.7999

■ 0.5535, 0.3289,
1.8189

210.7345,

■ 0.0000, 0.0000,

211.8042, 283.8698

0.4404

255.3545,
257.3848, 340.6218

■ 0.0000, 0.0000,
0.0000

■ 32.6733, 31.5526,
50.2671

■ 32.6733, 31.5526,
50.2671

■ 27.2382, 24.7824,
49.2473

■ 38.9552, 39.4494,
51.4607

■ 22.6104, 19.0834,
48.3912

■ 46.1151, 48.5169,
52.8336

■ 18.7517, 14.4015,
47.6909

■ 54.1863, 58.8018,
54.3934

■ 15.6197, 10.6761,
47.1369

■ 63.1994, 70.3469,
56.1468

■ 13.1676, 7.8403,
46.7187

■ 73.1838, 83.1930,
58.1001

■ 11.3431, 5.8182,
46.4246

■ 82.8766, 94.7979,
59.8292

■ 10.0858, 4.5212,
46.2405

■ 85.7570, 96.2828,
59.9640

■ 9.2924, 3.7789,
46.1390

■ 9.2923, 3.7788,
46.1390

Harmonies

Analogous

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



29.8142, 31.5526, 52.7102



32.6733, 31.5526, 50.2671



34.9305, 31.5526, 43.3883

Triad

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



32.6733, 31.5526, 50.2671



32.9971, 31.5526, 22.5941



24.8022, 31.5526, 33.8539

Complementary

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



32.6733, 31.5526, 50.2671



41.2856, 46.4205, 34.8024

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.



25.5384, 31.5526, 26.6722



32.6733, 31.5526, 50.2671



30.1661, 31.5526, 20.8490

Square

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



32.6733, 31.5526, 50.2671



35.1257, 31.5526, 27.4164



27.4574, 31.5526, 22.2151



25.3806, 31.5526, 42.3763

Rectangle

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



32.6733, 31.5526, 50.2671



35.7258, 31.5526, 37.6995



27.4574, 31.5526, 22.2151



24.9032, 31.5526, 31.2151

Sweetspot

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



32.6743, 31.5539, 50.2678



74.5788, 76.7328, 93.0848



37.1811, 42.2204, 52.0891



15.9029, 16.3209, 20.0337



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.6743, 31.5539, 50.2678



54.0585, 50.9411, 89.1880



36.3721, 33.4602, 50.4409



8.6532, 8.7876, 11.3195



6.3691, 2.5946, 31.4182



0.2671, 0.1134, 1.1096

Inverse Universe

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



38.7351, 34.7500, 47.3148



66.9319, 57.7333, 82.7534



37.3831, 44.4086, 34.6198



9.3167, 9.1370, 11.0151



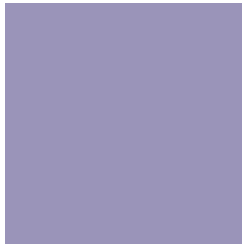
17.6748, 8.6437, 21.9720



0.6400, 0.3115, 0.8636

Previews

White Background



This preview shows how the XYZ color 32.6733, 31.5526, 50.2671 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 32.6733, 31.5526, 50.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

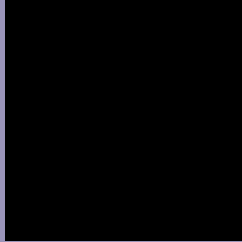
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6733, 31.5526, 50.2671

Background



This preview shows how black text looks on a background with the XYZ color 32.6733, 31.5526, 50.2671.



This preview shows how white text looks on a background with the XYZ color 32.6733, 31.5526,

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

32.6733, 31.5526, 50.2671

Protanopia

31.5378, 31.6504, 51.4606

Deuteranopia

32.2669, 31.5770, 50.2933



Tritanopia

30.5068, 31.6208, 39.6175

Trichromacy



Original Color

32.6733, 31.5526, 50.2671

Protanomaly

31.9820, 31.6538, 50.8785

Deuteranomaly

32.4533, 31.6731, 50.3020

Tritanomaly

31.2755, 31.6911, 43.4983

Monochromacy



Original Color

32.6733, 31.5526, 50.2671

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3462, 32.0431, 40.1301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6733, 31.5526, 50.2671 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(154, 148, 185)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 185)  
}
```

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(154, 148, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 185) }
```

Border

The CSS property to change the border of an element to XYZ 32.6733, 31.5526, 50.2671 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(154, 148, 185) }
```


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

```
.border{ border-color:rgb(154, 148, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 185);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6733, 31.5526, 50.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 185) }
```

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

```
.background{ background-color: rgb(154,  
148, 185) }
```

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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