

Converting Colors

XYZ(32.5408, 31.0711, 47.9985)

Have a look what the booklet for
XYZ(32.5408, 31.0711, 47.9985)
contains.

XYZ(32.5240, 31.0621, 47.9974)	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(32.5240, 31.0621,
47.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	9D92B5
RGB	157, 146, 181
RGB Percent	62%, 57%, 71%
CMY	0.3843, 0.4274, 0.2902
CMYK	0.13, 0.19, 0.00, 0.29
HSL	259°, 19%, 64%
HSV	259°, 19%, 71%
XYZ	32.5240, 31.0621, 47.9974
YIQ	153.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

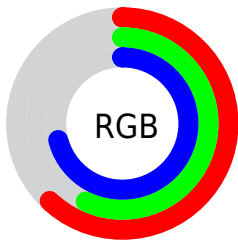
Format	Color
R_{YB}	157, 146, 181
Decimal	10326709
CIE _{Lab}	62.56, 11.10, -16.76
CIE _{LCh}	63, 20.107, 303.517
Yxy	31.0621, 0.2915, 0.2784
Android (android.graphics.Color)	4288516789 (0xFF9D92B5)
YUV	153.2790, 13.6665, 3.2633
Hunter-Lab	55.7334, 6.6328, -12.0470

Details

The XYZ color **32.5240, 31.0621, 47.9974** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.2908, 43.6699, 33.6066**, and the grayscale version is **30.3444, 31.9246, 34.7659**.

A 20% lighter version of the original color is **63.0917, 61.4200, 88.6507**, and **13.9049, 12.9275, 22.1845** is the 20% darker color. If you saturate the color by 10%, you get **27.6520, 24.7320, 47.0328**, and if you desaturate by 10%, it is **38.0857, 38.4052, 49.1221**.

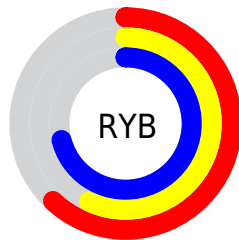
Distribution



Red (62%)

Green (57%)

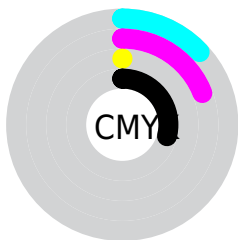
Blue (71%)



Red (62%)

Yellow (57%)

Blue (71%)

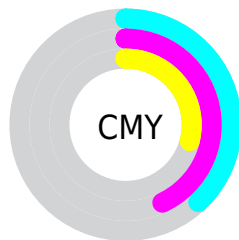


Cyan (13%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5240, 31.0621, 47.9974 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 32.5240, 31.0621, 47.9974 by changing the saturation by 10% instead.

■ 32.5240, 31.0621,
47.9974

■ 32.5240, 31.0621,
47.9974

305.2024,
306.8243, 395.2902

■ 21.9195, 20.6461,
33.4649

■ 62.9913, 61.3378,
88.5660

■ 13.9141, 12.8656,
22.2088

■ 83.5849, 81.9664,
115.4392

■ 8.1422, 7.3361,
13.8106

108.2389,
106.7679, 147.2630

■ 4.2387, 3.6731,
7.8518

137.3186,
136.1269, 184.4560

■ 1.8380, 1.4925,
3.9139

171.1895,
170.4276, 227.4366

■ 0.5404, 0.2834,
1.5782

210.2169,

■ 0.0000, 0.0000,

210.0545, 276.6235

0.2752

254.7660,
255.3919, 332.4352

■ 0.0000, 0.0000,
0.0000

■ 32.5240, 31.0621,
47.9974

■ 32.5240, 31.0621,
47.9974

■ 27.6520, 24.7320,
47.0328

■ 38.0857, 38.4052,
49.1221

■ 23.4388, 19.3656,
46.2191

■ 44.3606, 46.7996,
50.4117

■ 19.8553, 14.9155,
45.5490

■ 51.3746, 56.2866,
51.8732

■ 16.8689, 11.3287,
45.0141

■ 59.1513, 66.9039,
53.5126

■ 14.4440, 8.5464,
44.6048

■ 67.7135, 78.6875,
55.3358

■ 12.5406, 6.5022,
44.3106

■ 77.0827, 91.6719,
57.3483

■ 11.1128, 5.1187,
44.1188

■ 81.3694, 94.0690,
57.5850

■ 10.0814, 4.2531,
44.0061

■ 85.3406, 96.1162,
57.7709

■ 10.0211, 4.2026,
43.9995

Harmonies

Analogous

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



29.8474, 31.0621, 51.1929



32.5240, 31.0621, 47.9974



34.4857, 31.0621, 40.9925

Triad

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



32.5240, 31.0621, 47.9974



31.9315, 31.0621, 22.0516



24.5792, 31.0621, 34.7539

Complementary

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



32.5240, 31.0621, 47.9974



38.2908, 43.6699, 33.6066

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.



25.0619, 31.0621, 27.5395



32.5240, 31.0621, 47.9974



29.2021, 31.0621, 20.9050

Square

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



32.5240, 31.0621, 47.9974



34.1290, 31.0621, 26.1673



26.7136, 31.0621, 22.7537



25.3523, 31.0621, 42.8390

Rectangle

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



32.5240, 31.0621, 47.9974



35.0637, 31.0621, 35.5506



26.7136, 31.0621, 22.7537



24.6002, 31.0621, 32.1491

Sweetspot

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



32.5250, 31.0634, 47.9981



71.7035, 73.4361, 88.6900



34.6642, 38.3855, 49.2986



15.3468, 15.6708, 19.1382



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.5250, 31.0634, 47.9981



54.5718, 50.8287, 85.2293



36.0759, 32.8940, 48.1643



8.2849, 8.3554, 10.6824



6.9725, 2.9302, 30.3351



0.2812, 0.1241, 0.9574

Inverse Universe

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



36.5917, 33.2852, 42.5278



63.1885, 55.5398, 73.4753



34.8501, 41.8961, 33.4456



8.7341, 8.6004, 10.0982



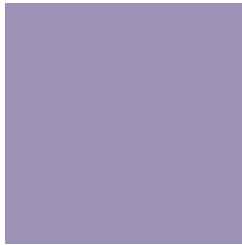
15.6825, 7.7906, 14.0201



0.5184, 0.2551, 0.5724

Previews

White Background



This preview shows how the XYZ color 32.5240, 31.0621, 47.9974 looks on a white background.

Color Contrast Check

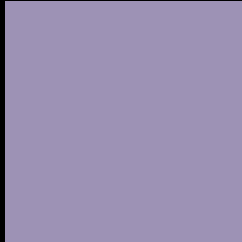
Large Text (above 18pt) WCAG AA × Fail

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 32.5240, 31.0621, 47.9974 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 32.5240, 31.0621, 47.9974

Background



This preview shows how black text looks on a background with the XYZ color 32.5240, 31.0621, 47.9974.



This preview shows how white text looks on a background with the XYZ color 32.5240, 31.0621,

47.9974.

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

32.5240, 31.0621, 47.9974

Protanopia

31.0597, 31.2027, 49.7331

Deuteranopia

31.8793, 31.1914, 48.0564



Tritanopia

30.5069, 30.9381, 38.0820

Trichromacy



Original Color

32.5240, 31.0621, 47.9974

Protanomaly

31.6891, 31.3034, 49.1717

Deuteranomaly

32.1006, 31.0737, 48.0220

Tritanomaly

31.1754, 30.9755, 41.3815

Monochromacy



Original Color

32.5240, 31.0621, 47.9974

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8436, 31.3271, 39.0714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5240, 31.0621, 47.9974 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(157, 146, 181)` looks like.

```
.text, #text, p{  
    color:rgb(157, 146, 181)  
}
```

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(157, 146, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 146, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.5240, 31.0621, 47.9974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

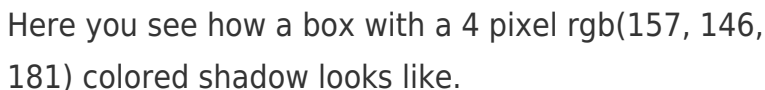
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 146, 181) }
```


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

```
.border{ border-color:rgb(157, 146, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 146, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 146, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 146, 181); box-shadow:4px 4px 4px 4px rgb(157, 146, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5240, 31.0621, 47.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 146, 181) }
```

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

```
.background{ background-color: rgb(157,  
146, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor