

Converting Colors

XYZ(31.4799, 25.2015, 64.8332)

Have a look what the booklet for
XYZ(31.4799, 25.2015, 64.8332)
contains.

XYZ(31.4799, 25.2015, 64.8332)	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(31.4799, 25.2015,
64.8332)**

Conversions

Conversions Part 1

Format	Color
Hex	977AD3
RGB	151, 122, 211
RGB Percent	59%, 48%, 83%
CMY	0.4078, 0.5216, 0.1725
CMYK	0.28, 0.42, 0.00, 0.17
HSL	260°, 50%, 65%
HSV	260°, 42%, 83%
XYZ	31.4799, 25.2015, 64.8332
YIQ	140.8170, -11.2850, 33.8270

Conversions

Conversions Part 2

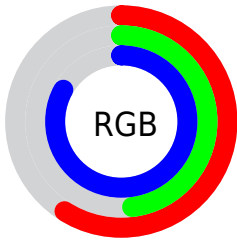
Format	Color
R_{YB}	151, 122, 211
Decimal	9927379
CIE _{Lab}	57.27, 30.12, -41.93
CIE _{LCh}	57, 51.623, 305.689
Yxy	25.2015, 0.2591, 0.2074
Android (android.graphics.Color)	4288117459 (0xFF977AD3)
YUV	140.8170, 34.6002, 8.9305
Hunter-Lab	50.2011, 24.0811, -41.4305

Details

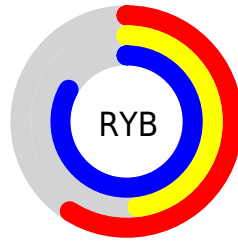
The XYZ color **31.4799, 25.2015, 64.8332** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **46.0989, 57.9392, 27.1669**, and the grayscale version is **25.1186, 26.4268, 28.7787**.

A 20% lighter version of the original color is **59.1121, 51.1453, 101.3642**, and **13.3131, 9.7068, 32.6244** is the 20% darker color. If you saturate the color by 10%, you get **26.6824, 19.2913, 63.9457**, and if you desaturate by 10%, it is **37.1602, 32.4027, 65.9242**.

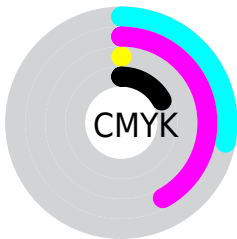
Distribution



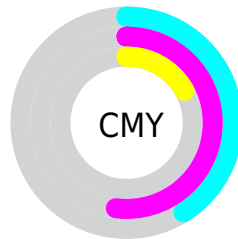
- Red (59%)
- Green (48%)
- Blue (83%)



- Red (59%)
- Yellow (48%)
- Blue (83%)



- Cyan (28%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)



- Cyan (41%)
- Magenta (52%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4799, 25.2015, 64.8332 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 31.4799, 25.2015, 64.8332 by changing the saturation by 10% instead.

■ 31.4799, 25.2015,
64.8332

■ 31.4799, 25.2015,
64.8332

300.5307,
278.8399, 460.4821

■ 21.1182, 16.2272,
46.8754

■ 61.3656, 51.9839,
113.4210

■ 13.3234, 9.6851,
32.5835

■ 81.6202, 70.5609,
144.8880

■ 7.7301, 5.1907,
21.5391

■ 105.9032, 93.1075,
181.6952

■ 3.9731, 2.3596,
13.3235

134.5799,
120.0083, 224.2611

■ 1.6869, 0.8050,
7.5184

168.0156,
151.6475, 273.0041

■ 0.4481, 0.0000,
3.7050

206.5758,

■ 0.0000, 0.0000,

188.4096, 328.3430

1.4650

250.6257,
230.6789, 390.6961

■ 0.0000, 0.0000,
0.1916

■ 0.0000, 0.0000,
0.0000

■ 31.4799, 25.2015,
64.8332

■ 31.4799, 25.2015,
64.8332

■ 26.6824, 19.2913,
63.9457

■ 37.1602, 32.4027,
65.9242

■ 22.7169, 14.5897,
63.2472

■ 43.7648, 40.9644,
67.2287

■ 19.5311, 11.0094,
62.7241

■ 51.3355, 50.9545,
68.7580

■ 17.0653, 8.4493,
62.3599

■ 59.9110, 62.4356,
70.5221

15.2489, 6.7891,
62.1352

69.5275, 75.4663,
72.5304

14.1949, 5.9595,
62.0306

80.2195, 90.1022,
74.7919

87.1486, 96.6535,
75.6912

88.7580, 97.4832,
75.7665

Harmonies

Analogous

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



25.1366, 25.2015, 76.3703



31.4799, 25.2015, 64.8332



36.3314, 25.2015, 43.7496

Triad

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



31.4799, 25.2015, 64.8332



29.1216, 25.2015, 6.7831



14.0632, 25.2015, 30.9117

Complementary

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



31.4799, 25.2015, 64.8332



46.0989, 57.9392, 27.1669

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.



14.7643, 25.2015, 15.7904



31.4799, 25.2015, 64.8332



22.8077, 25.2015, 5.7328

Square

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



31.4799, 25.2015, 64.8332



34.8158, 25.2015, 12.1220



17.7335, 25.2015, 8.1831



15.6237, 25.2015, 52.1152

Rectangle

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



31.4799, 25.2015, 64.8332



37.6788, 25.2015, 30.0473



17.7335, 25.2015, 8.1831



14.0459, 25.2015, 24.9884

Sweetspot

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



31.4808, 25.2025, 64.8338



77.6222, 76.6480, 105.3112



36.6803, 42.6329, 67.9242



16.0382, 15.6421, 22.4239



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.4808, 25.2025, 64.8338



41.3828, 30.1257, 98.2415



41.1420, 30.1830, 65.2859



11.5213, 11.6020, 14.8758



8.6627, 3.6461, 37.4397



0.5671, 0.2465, 2.0973

Inverse Universe

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



42.2675, 31.1461, 48.0402



60.5297, 40.6995, 67.3656



37.3415, 53.4246, 26.7571



12.1401, 11.9408, 14.0137



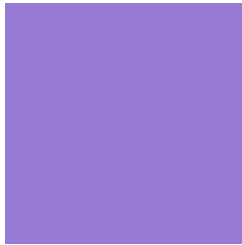
19.2189, 9.5604, 16.5910



1.1102, 0.5488, 1.1152

Previews

White Background



This preview shows how the XYZ color 31.4799, 25.2015, 64.8332 looks on a white background.

Color Contrast Check

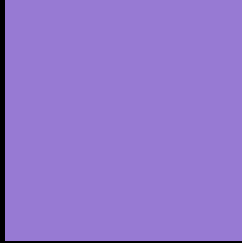
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4799, 25.2015, 64.8332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

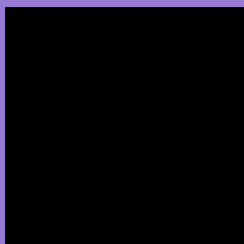
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4799, 25.2015, 64.8332

Background



This preview shows how black text looks on a background with the XYZ color 31.4799, 25.2015, 64.8332.



This preview shows how white text looks on a background with the XYZ color 31.4799, 25.2015,

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

31.4799, 25.2015, 64.8332

Protanopia

27.4423, 25.4854, 72.5801

Deuteranopia

26.0397, 25.3884, 63.2025



Tritanopia

24.7181, 25.2039, 31.1658

Trichromacy



Original Color

31.4799, 25.2015, 64.8332

Protanomaly

28.3832, 25.0203, 69.6631

Deuteranomaly

27.6450, 25.1709, 63.7230

Tritanomaly

26.6997, 24.9745, 41.4435

Monochromacy



Original Color

31.4799, 25.2015, 64.8332

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.0851, 25.8231, 39.6332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4799, 25.2015, 64.8332 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(151, 122, 211)` looks like.

```
.text, #text, p{  
    color:rgb(151, 122, 211)  
}
```

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(151, 122, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 122, 211) }
```

Border

The CSS property to change the border of an element to XYZ 31.4799, 25.2015, 64.8332 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(151, 122, 211) }
```


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

```
.border{ border-color:rgb(151, 122, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 122, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 122, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 122, 211);  
box-shadow:4px 4px 4px 4px rgb(151, 122,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4799, 25.2015, 64.8332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 122, 211) }
```

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

```
.background{ background-color: rgb(151,  
122, 211) }
```

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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