

Converting Colors

XYZ(31.7551, 26.5703, 60.5816)

Have a look what the booklet for
XYZ(31.7551, 26.5703, 60.5816)
contains.

XYZ(31.7551, 26.5703, 60.5816)	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(31.7551, 26.5703,
60.5816)**

Conversions

Conversions Part 1

Format	Color
Hex	9980CC
RGB	153, 128, 204
RGB Percent	60%, 50%, 80%
CMY	0.4000, 0.4980, 0.2000
CMYK	0.25, 0.37, 0.00, 0.20
HSL	260°, 43%, 65%
HSV	260°, 37%, 80%
XYZ	31.7551, 26.5703, 60.5816
YIQ	144.1390, -9.4960, 28.9360

Conversions

Conversions Part 2

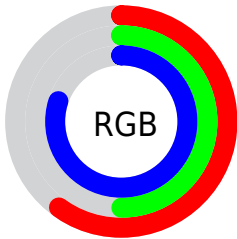
Format	Color
R_{YB}	153, 128, 204
Decimal	10059980
CIE _{Lab}	58.57, 25.50, -35.92
CIE _{LCh}	59, 44.053, 305.376
Yxy	26.5703, 0.2671, 0.2235
Android (android.graphics.Color)	4288250060 (0xFF9980CC)
YUV	144.1390, 29.5115, 7.7711
Hunter-Lab	51.5464, 19.7586, -33.6001

Details

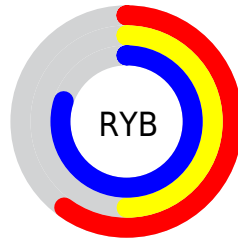
The XYZ color **31.7551, 26.5703, 60.5816** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **44.0803, 54.3285, 28.5863**, and the grayscale version is **26.4536, 27.8313, 30.3082**.

A 20% lighter version of the original color is **60.8684, 53.8231, 101.7885**, and **13.4047, 10.3280, 29.7208** is the 20% darker color. If you saturate the color by 10%, you get **26.9197, 20.5172, 59.6685**, and if you desaturate by 10%, it is **37.4237, 33.8481, 61.6881**.

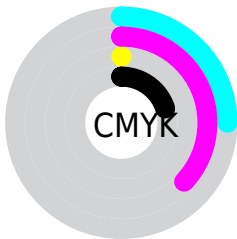
Distribution



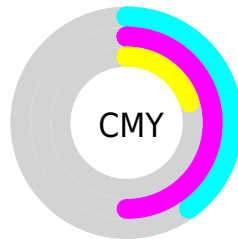
- Red (60%)
- Green (50%)
- Blue (80%)



- Red (60%)
- Yellow (50%)
- Blue (80%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7551, 26.5703, 60.5816 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 31.7551, 26.5703, 60.5816 by changing the saturation by 10% instead.

■ 31.7551, 26.5703,
60.5816

■ 31.7551, 26.5703,
60.5816

301.7673,
285.5705, 444.6022

■ 21.3291, 17.2508,
43.4592

■ 61.7948, 54.1936,
107.2245

■ 13.4786, 10.4134,
29.9115

■ 82.1392, 73.2661,
137.5821

■ 7.8382, 5.6739,
19.5200

■ 106.5205, 96.3584,
173.1886

■ 4.0425, 2.6478,
11.8660

135.3040,
123.8549, 214.4624

■ 1.7262, 0.9508,
6.5311

168.8550,
156.1399, 261.8221

■ 0.4726, 0.0000,
3.0966

207.5390,

■ 0.0000, 0.0000,

193.5980, 315.6863

1.1442

251.7213,
236.6134, 376.4735

■ 0.0000, 0.0000,
0.0000

■ 31.7551, 26.5703,
60.5816

■ 31.7551, 26.5703,
60.5816

■ 26.9197, 20.5172,
59.6685

■ 37.4237, 33.8481,
61.6881

■ 22.8725, 15.6160,
58.9358

■ 43.9618, 42.4116,
62.9964

■ 19.5683, 11.7910,
58.3717

■ 51.4069, 52.3211,
64.5167

■ 16.9554, 8.9556,
57.9621

■ 59.7931, 63.6324,
66.2580

■ 14.9746, 7.0091,
57.6908

■ 69.1529, 76.3981,
68.2287

■ 13.5486, 5.8158,
57.5356

■ 79.5173, 90.6678,
70.4368

■ 13.2211, 5.5567,
57.5029

■ 85.6651, 95.9880,
71.1397

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



26.2396, 26.5703, 69.7841



31.7551, 26.5703, 60.5816



35.9181, 26.5703, 43.1738

Triad

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



31.7551, 26.5703, 60.5816



29.8324, 26.5703, 9.4435



16.2631, 26.5703, 31.8069

Complementary

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



31.7551, 26.5703, 60.5816



44.0803, 54.3285, 28.5863

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.



16.9424, 26.5703, 18.2249



31.7551, 26.5703, 60.5816



24.2939, 26.5703, 8.2753

Square

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



31.7551, 26.5703, 60.5816



34.7018, 26.5703, 14.9038



19.7074, 26.5703, 10.8268



17.6989, 26.5703, 49.7870

Rectangle

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



31.7551, 26.5703, 60.5816



37.0819, 26.5703, 31.3947



19.7074, 26.5703, 10.8268



16.2542, 26.5703, 26.5988

Sweetspot

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



31.7560, 26.5713, 60.5822



80.1563, 79.9940, 105.8234



36.1098, 41.5653, 63.2469



16.7924, 16.6368, 22.5761



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.



31.7560, 26.5713, 60.5822



45.8240, 35.5139, 99.0474



39.8709, 30.7547, 60.9620



10.9436, 11.0202, 14.1207



8.4096, 3.5428, 36.1969



0.5138, 0.2240, 1.8711

Inverse Universe

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



40.7584, 31.5314, 46.5866



63.2120, 45.1123, 71.1944



36.6339, 50.4898, 28.2378



11.5245, 11.3385, 13.2967



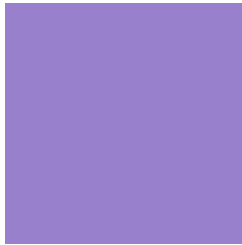
18.5553, 9.2327, 15.9087



0.9913, 0.4899, 1.0002

Previews

White Background



This preview shows how the XYZ color 31.7551, 26.5703, 60.5816 looks on a white background.

Color Contrast Check

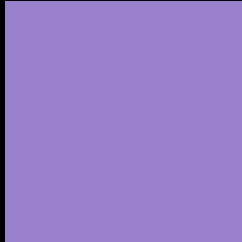
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7551, 26.5703, 60.5816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

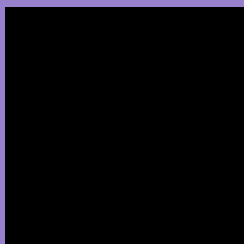
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.7551, 26.5703, 60.5816

Background



This preview shows how black text looks on a background with the XYZ color 31.7551, 26.5703, 60.5816.



This preview shows how white text looks on a background with the XYZ color 31.7551, 26.5703,

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

31.7551, 26.5703, 60.5816

Protanopia

28.1690, 26.6259, 66.6054

Deuteranopia

27.5100, 26.8720, 59.6140



Tritanopia

26.0653, 26.5069, 32.5967

Trichromacy



Original Color

31.7551, 26.5703, 60.5816

Protanomaly

29.2112, 26.3705, 64.5232

Deuteranomaly

28.9437, 26.7454, 60.1368

Tritanomaly

27.9523, 26.4333, 41.6591

Monochromacy



Original Color

31.7551, 26.5703, 60.5816

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0040, 27.1332, 39.8376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7551, 26.5703, 60.5816 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(153, 128, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 128, 204)  
}
```

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(153, 128, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 128, 204) }
```

Border

The CSS property to change the border of an element to XYZ 31.7551, 26.5703, 60.5816 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(153, 128, 204) }
```


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

```
.border{ border-color:rgb(153, 128, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 128, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 128, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 128, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 128,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7551, 26.5703, 60.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 128, 204) }
```

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

```
.background{ background-color: rgb(153,  
128, 204) }
```

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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