

Converting Colors

YUV(122.4760, 31.8103,
17.1225)

Have a look what the booklet for
YUV(122.4760, 31.8103, 17.1225)
contains.

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Color

**YUV(122.4760, 31.8103,
17.1225)**

Conversions

Conversions Part 1

Format	Color
Hex	8E64BB
RGB	142, 100, 187
RGB Percent	56%, 39%, 73%
CMY	0.4431, 0.6078, 0.2667
CMYK	0.24, 0.47, 0.00, 0.27
HSL	269°, 39%, 56%
HSV	269°, 47%, 73%
XYZ	24.6821, 18.4530, 49.2746
YIQ	122.4760, -2.8950, 35.9610

Conversions

Conversions Part 2

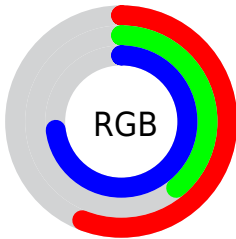
Format	Color
R_{YB}	142, 100, 187
Decimal	9331899
CIE _{Lab}	50.04, 34.34, -39.69
CIE _{LCh}	50, 52.479, 310.866
Yxy	18.4530, 0.2671, 0.1997
Android (android.graphics.Color)	4287521979 (0xFF8E64BB)
YUV	122.4760, 31.8103, 17.1225
Hunter-Lab	42.9569, 27.3877, -37.9399

Details

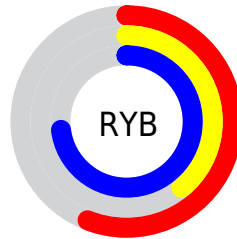
The YUV color **122.4760, 31.8103, 17.1225** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **164.5240, -31.8103, -17.1225**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9430, 33.5521, 18.4670**, and **72.2970, 29.9266, 14.6485** is the 20% darker color. If you saturate the color by 10%, you get **108.3330, 38.7828, 20.7560**, and if you desaturate by 10%, it is **136.6190, 24.8378, 13.4891**.

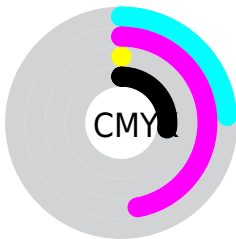
Distribution



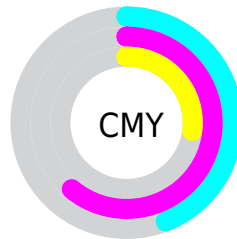
- Red (56%)
- Green (39%)
- Blue (73%)



- Red (56%)
- Yellow (39%)
- Blue (73%)



- Cyan (24%)
- Magenta (47%)
- Yellow (0%)
- Black (27%)



- Cyan (44%)
- Magenta (61%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4760, 31.8103, 17.1225 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 YUV color 122.4760, 31.8103, 17.1225 by changing the saturation by 10% instead.

■ 122.4760, 31.8103,
17.1225

■ 122.4760, 31.8103,
17.1225

255.0000, 0.0000,
0.0000

■ 96.6500, 31.2315,
16.0929

■ 175.9430, 33.5521,
18.4670

■ 72.2970, 29.9266,
14.6485

■ 201.7170, 26.2685,
21.2962

■ 47.5850, 29.7846,
13.5190

■ 226.8240, 13.8908,
24.7104

■ 23.7590, 29.2058,
12.4894

■ 243.2600, 5.7878,
10.2960

■ 12.4070, 22.9703,
5.7821

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 122.4760, 31.8103,
17.1225

■ 122.4760, 31.8103,
17.1225

■ 108.3330, 38.7828,
20.7560

■ 136.6190, 24.8378,
13.4891

■ 95.0760, 45.3185,
24.4893

■ 149.8760, 18.3021,
9.7557

■ 80.9330, 52.2910,
28.1228

■ 164.0190, 11.3296,
6.1223

■ 66.7900, 59.2635,
31.7562

■ 178.1620, 4.3571,
2.4889

■ 52.9460, 66.0886,
36.0044

■ 191.4190, -2.1786,
-1.2445

■ 48.2280, 68.4146,
36.6340

■ 205.5620, -9.1511,
-4.8779

■ 219.7050,
-16.1236, -8.5113

■ 233.5490,
-22.9487, -12.7595

■ 239.4740,
-25.8697, -9.1857

Harmonies

Analogous

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



110.1950, 47.7249, -47.5290



122.4760, 31.8103, 17.1225



120.4350, 14.0825, 56.6235

Triad

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



122.4760, 31.8103, 17.1225



114.8630, -42.3305, 43.9701



97.5700, 18.4530, -85.5689

Complementary

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



122.4760, 31.8103, 17.1225



164.5240, -31.8103, -17.1225

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.



91.0380, -1.4977, -79.8403



122.4760, 31.8103, 17.1225



111.6390, -46.1640, 13.4716

Square

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



122.4760, 31.8103, 17.1225



115.9470, -26.1029, 65.8215



106.3380, -29.7466, -25.7294



101.6570, 36.6511, -89.1532

Rectangle

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



122.4760, 31.8103, 17.1225



117.4940, 1.2355, 70.6038



106.3380, -29.7466, -25.7294



95.7460, 11.4642, -83.9692

Sweetspot

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



122.4760, 31.8103, 17.1225



216.9590, 12.3452, 7.0520



136.9200, 24.6894, -32.3788



107.2700, 7.2619, 4.1482



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



122.4760, 31.8103, 17.1225



141.8250, 49.3863, 26.4635



135.0340, 25.6192, 42.9432



87.2220, 3.3416, 1.5593



40.7360, 57.8112, 30.9265



8.0190, 11.3296, 6.1223

Inverse Universe

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



131.1430, 6.8315, 48.9866



155.3450, 10.6759, 75.9964



151.9660, -25.6192, -42.9432



88.2610, 0.8573, 5.0331



56.5900, 12.5271, 88.9366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 122.4760, 31.8103, 17.1225 looks on a white background.

Color Contrast Check

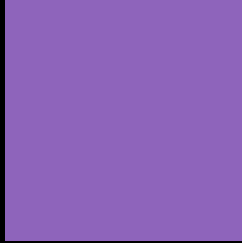
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 122.4760, 31.8103, 17.1225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

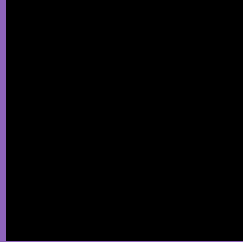
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.4760, 31.8103, 17.1225

Background



This preview shows how black text looks on a background with the YUV color 122.4760, 31.8103, 17.1225.



This preview shows how white text looks on a background with the YUV color 122.4760, 31.8103,

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

122.4760, 31.8103, 17.1225

Protanopia

115.9370, 42.4291, -28.8857

Deuteranopia

116.7280, 32.6721, -26.0715



Tritanopia

120.8100, 1.5727, 8.9366

Trichromacy



Original Color

122.4760, 31.8103, 17.1225

Protanomaly

118.1240, 38.8859, -12.3867

Deuteranomaly

118.7130, 32.1865, -10.2723

Tritanomaly

121.6930, 12.4764, 11.6702

Monochromacy



Original Color

122.4760, 31.8103, 17.1225

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1330, 11.7664, 6.0224

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4760, 31.8103, 17.1225 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(142, 100, 187)` looks like.

```
.text, #text, p{  
    color:rgb(142, 100, 187)  
}
```

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(142, 100, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 100, 187) }
```

Border

The CSS property to change the border of an element to YUV 122.4760, 31.8103, 17.1225 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(142, 100, 187) }
```


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

```
.border{ border-color:rgb(142, 100, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 100, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 100, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 100, 187); box-shadow:4px 4px 4px 4px rgb(142, 100, 187) }
```

Background

The CSS property to change the background color of an element to YUV 122.4760, 31.8103, 17.1225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 100, 187) }
```

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

```
.background{ background-color: rgb(142,  
100, 187) }
```

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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