

Converting Colors

YUV(106.4760, 31.8103,
17.1225)

Have a look what the booklet for
YUV(106.4760, 31.8103, 17.1225)
contains.

YUV(106.4760, 31.8103, 17.1225)	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

**YUV(106.4760, 31.8103,
17.1225)**

Conversions

Conversions Part 1

Format	Color
Hex	7E54AB
RGB	126, 84, 171
RGB Percent	49%, 33%, 67%
CMY	0.5059, 0.6706, 0.3294
CMYK	0.26, 0.51, 0.00, 0.33
HSL	269°, 34%, 50%
HSV	269°, 51%, 67%
XYZ	19.1252, 13.7165, 40.1676
YIQ	106.4760, -2.8950, 35.9610

Conversions

Conversions Part 2

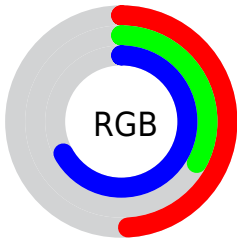
Format	Color
R_{YB}	126, 84, 171
Decimal	8279211
CIE _{Lab}	43.82, 35.13, -40.30
CIE _{LCh}	44, 53.461, 311.085
Yxy	13.7165, 0.2620, 0.1879
Android (android.graphics.Color)	4286469291 (0xFF7E54AB)
YUV	106.4760, 31.8103, 17.1225
Hunter-Lab	37.0358, 27.3641, -38.3785

Details

The YUV color **106.4760, 31.8103, 17.1225** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **148.5240, -31.8103, -17.1225**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2420, 33.4047, 19.0818**, and **56.7100, 30.2160, 15.1633** is the 20% darker color. If you saturate the color by 10%, you get **93.8060, 38.0566, 20.3411**, and if you desaturate by 10%, it is **119.1460, 25.5640, 13.9040**.

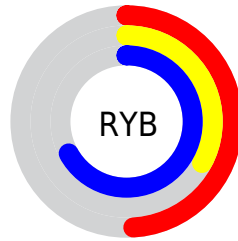
Distribution



Red (49%)

Green (33%)

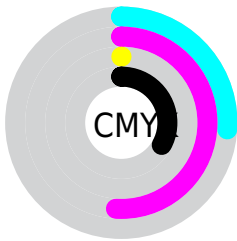
Blue (67%)



Red (49%)

Yellow (33%)

Blue (67%)

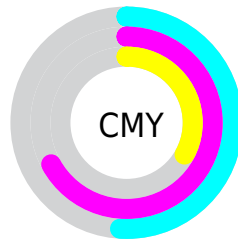


Cyan (26%)

Magenta (51%)

Yellow (0%)

Black (33%)



Cyan (51%)


Magenta (67%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.4760, 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 106.4760, 31.8103, 17.1225 by changing the saturation by 10% instead.

 106.4760, 31.8103,
17.1225


 106.4760, 31.8103,
17.1225


255.0000, 0.0000,
0.0000


 81.5360, 30.7948,
16.1929


 159.2420, 33.4047,
19.0818


 56.7100, 30.2160,
15.1633


 186.0680, 33.9835,
20.1114


 32.5850, 29.7846,
13.5190


 211.1750, 21.6057,
23.5255

 14.7430, 26.7487,
7.2414

 232.6940, 10.9969,
19.5624

 5.2440, 20.0927,
-4.5990

 249.1300, 2.8939,
5.1480

 3.3230, 10.1938,
-2.9143

 0.0000, 0.0000,

0.0000

■ 106.4760, 31.8103,
17.1225

■ 106.4760, 31.8103,
17.1225

■ 93.8060, 38.0566,
20.3411

■ 119.1460, 25.5640,
13.9040

■ 81.1360, 44.3030,
23.5597

■ 131.8160, 19.3177,
10.6854

■ 68.4660, 50.5493,
26.7783

■ 144.4860, 13.0714,
7.4668

■ 56.0950, 56.6482,
30.6117

■ 156.8570, 6.9725,
3.6334

■ 44.3110, 62.4577,
33.9303

■ 169.5270, 0.7262,
0.4148

■ 182.7840, -5.8095,
-3.3186

■ 195.4540,
-12.0558, -6.5372

■ 208.1240,
-18.3021, -9.7557

■ 220.7940,
-24.5484, -12.9743

Harmonies

Analogous

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



89.1120, 50.2308, -57.9802



106.4760, 31.8103, 17.1225



102.9620, 14.8087, 57.0383

Triad

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



106.4760, 31.8103, 17.1225



98.0540, -45.3826, 42.9256



86.3540, 16.0945, -75.7325

Complementary

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



106.4760, 31.8103, 17.1225



148.5240, -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.



79.9360, -3.4194, -70.1039



106.4760, 31.8103, 17.1225



95.4000, -47.0322, 11.9272

Square

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



106.4760, 31.8103, 17.1225



99.0610, -25.6661, 65.7215



89.9250, -30.0360, -26.2442



90.5550, 34.7294, -79.4167

Rectangle

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



106.4760, 31.8103, 17.1225



99.4340, 2.2510, 71.5334



89.9250, -30.0360, -26.2442



84.6440, 9.5425, -74.2328

Sweetspot

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



106.4760, 31.8103, 17.1225



197.5460, 12.0558, 6.5372



120.9200, 24.6894, -32.3788



97.2700, 7.2619, 4.1482



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



106.4760, 31.8103, 17.1225



121.8250, 49.3863, 26.4635



119.0340, 25.6192, 42.9432



80.2220, 3.3416, 1.5593



38.9270, 54.7590, 29.8820



5.9110, 8.4249, 4.4631

Inverse Universe

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



115.1430, 6.8315, 48.9866



135.3450, 10.6759, 75.9964



135.9660, -25.6192, -42.9432



81.2610, 0.8573, 5.0331



53.7420, 11.9592, 84.4183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 106.4760, 31.8103, 17.1225 looks on a white 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

Black Background



This preview shows how the YUV color 106.4760, 31.8103, 17.1225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

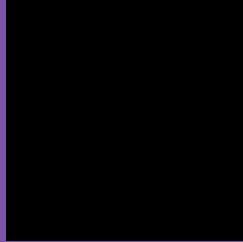
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.4760, 31.8103, 17.1225

Background



This preview shows how black text looks on a background with the YUV color 106.4760, 31.8103, 17.1225.



This preview shows how white text looks on a background with the YUV color 106.4760, 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

106.4760, 31.8103, 17.1225

Protanopia

99.1430, 43.3135, -32.5744

Deuteranopia

100.1190, 32.9723, -29.0454



Tritanopia

105.2830, 0.8465, 8.5218

Trichromacy



Original Color

106.4760, 31.8103, 17.1225

Protanomaly

101.8140, 39.0387, -14.7459

Deuteranomaly

102.4030, 32.3393, -12.6314

Tritanomaly

105.5790, 12.0396, 11.7702

Monochromacy



Original Color

106.4760, 31.8103, 17.1225

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1330, 11.7664, 6.0224

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4760, 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(126, 84, 171)` looks like.

```
.text, #text, p{  
    color:rgb(126, 84, 171)  
}
```

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(126, 84, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 84, 171) }
```

Border

The CSS property to change the border of an element to YUV 106.4760, 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(126, 84, 171) }
```


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

```
.border{ border-color:rgb(126, 84, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 84, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 84, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 84, 171);  
box-shadow:4px 4px 4px 4px rgb(126, 84,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 106.4760, 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(126, 84, 171) }
```

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

```
.background{ background-color: rgb(126, 84,  
171) }
```

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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