

Converting Colors

YUV(131.7260, 32.6731,
20.4113)

Have a look what the booklet for
YUV(131.7260, 32.6731, 20.4113)
contains.

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Color

**YUV(131.7260, 32.6731,
20.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6BC6
RGB	155, 107, 198
RGB Percent	61%, 42%, 78%
CMY	0.3922, 0.5804, 0.2235
CMYK	0.22, 0.46, 0.00, 0.22
HSL	272°, 44%, 60%
HSV	272°, 46%, 78%
XYZ	28.9683, 21.5612, 56.0610
YIQ	131.7260, -0.6030, 38.4770

Conversions

Conversions Part 2

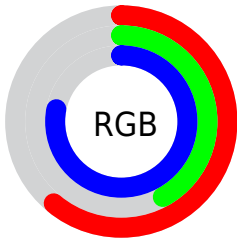
Format	Color
RYB	155, 107, 198
Decimal	10185670
CIELab	53.56, 36.66, -40.37
CIELCh	54, 54.535, 312.245
Yxy	21.5612, 0.2718, 0.2023
Android (android.graphics.Color)	4288375750 (0xFF9B6BC6)
YUV	131.7260, 32.6731, 20.4113
Hunter-Lab	46.4340, 30.0994, -39.0786

Details

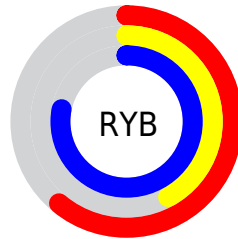
The YUV color **131.7260, 32.6731, 20.4113** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **173.2740, -32.6731, -20.4113**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.4920, 34.2674, 22.3705**, and **80.6610, 31.2261, 17.8373** is the 20% darker color. If you saturate the color by 10%, you get **117.2950, 39.7876, 25.1743**, and if you desaturate by 10%, it is **146.1570, 25.5586, 15.6483**.

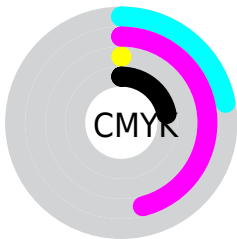
Distribution



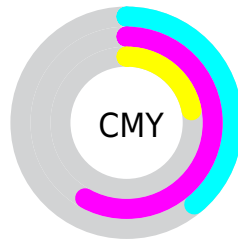
- Red (61%)
- Green (42%)
- Blue (78%)



- Red (61%)
- Yellow (42%)
- Blue (78%)



- Cyan (22%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.7260, 32.6731, 20.4113 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 131.7260, 32.6731, 20.4113 by changing the saturation by 10% instead.

■ 131.7260, 32.6731,
20.4113

■ 131.7260, 32.6731,
20.4113

■ 255.0000, 0.0000,
0.0000

■ 105.7860, 31.6575,
19.4817

■ 185.4920, 34.2674,
22.3705

■ 80.6610, 31.2261,
17.8373

■ 210.5990, 21.8897,
25.7847

■ 55.8350, 30.6473,
16.8077

■ 231.5200, 11.5756,
20.5920

■ 30.7210, 30.2105,
16.9077

■ 247.9560, 3.4727,
6.1776

■ 15.2270, 26.0171,
8.5709

■ 5.1300, 19.6559,
-4.4990

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 131.7260, 32.6731,
20.4113

■ 131.7260, 32.6731,
20.4113

■ 117.2950, 39.7876,
25.1743

■ 146.1570, 25.5586,
15.6483

■ 102.5650, 47.0495,
29.3225

■ 160.8870, 18.2967,
11.5001

■ 88.7210, 53.8745,
33.5707

■ 174.7310, 11.4716,
7.2519

■ 74.2900, 60.9890,
38.3337

■ 189.1620, 4.3571,
2.4889

■ 59.5600, 68.2509,
42.4819

■ 203.8920, -2.9048,
-1.6593

■ 53.6680, 71.1557,
44.1412

■ 218.3230,
-10.0192, -6.4223

■ 232.7540,
-17.1337, -11.1853

■ 241.0270,
-21.2123, -9.6707

■ 243.7180,
-22.5390, -4.1377

Harmonies

Analogous

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



120.2600, 49.1718, -44.9550



131.7260, 32.6731, 20.4113



129.1690, 14.2137, 61.2418

Triad

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



131.7260, 32.6731, 20.4113



123.4780, -45.0987, 45.1848



104.6940, 20.3639, -91.8166

Complementary

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



131.7260, 32.6731, 20.4113



173.2740, -32.6731, -20.4113

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.



98.6350, -0.3131, -86.5029



131.7260, 32.6731, 20.4113



120.1720, -47.9058, 12.1272

Square

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



131.7260, 32.6731, 20.4113



124.6870, -28.4397, 68.6805



114.5010, -30.3200, -28.5034



108.5360, 40.1618, -95.1861

Rectangle

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



131.7260, 32.6731, 20.4113



126.1740, -0.0858, 74.3924



114.5010, -30.3200, -28.5034



102.8700, 13.3751, -90.2170

Sweetspot

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



131.7260, 32.6731, 20.4113



228.7850, 12.9240, 8.0816



143.2020, 27.0154, -31.7492



111.7970, 7.9881, 4.5630



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



131.7260, 32.6731, 20.4113



153.0860, 50.2436, 31.4966



144.3550, 25.4610, 47.0467



92.5210, 3.1941, 2.1741



44.2960, 58.5211, 36.5744



9.7850, 12.9240, 8.0816

Inverse Universe

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



139.1110, 5.3683, 51.6457



164.3840, 8.1917, 79.4702



160.6450, -25.4610, -47.0467



93.1470, 0.4205, 5.1331



57.5150, 9.6061, 92.5103



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 131.7260, 32.6731, 20.4113 looks on a white background.

Color Contrast Check

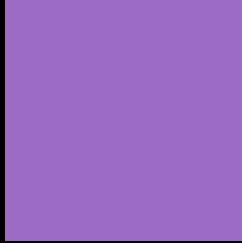
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.7260, 32.6731, 20.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

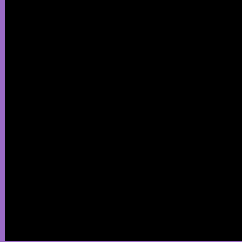
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.7260, 32.6731, 20.4113

Background



This preview shows how black text looks on a background with the YUV color 131.7260, 32.6731, 20.4113.



This preview shows how white text looks on a background with the YUV color 131.7260, 32.6731,

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

131.7260, 32.6731, 20.4113

Protanopia

124.9800, 43.8869, -29.8005

Deuteranopia

126.2550, 33.3983, -25.6566



Tritanopia

129.7180, 1.1250, 12.5253

Trichromacy



Original Color

131.7260, 32.6731, 20.4113

Protanomaly

127.0640, 39.9014, -11.4571

Deuteranomaly

127.9520, 33.0547, -8.7279

Tritanomaly

130.7150, 12.4655, 15.1589

Monochromacy



Original Color

131.7260, 32.6731, 20.4113

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.8450, 11.9084, 7.1519

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7260, 32.6731, 20.4113 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(155, 107, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 107, 198)  
}
```

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(155, 107, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 107, 198) }
```

Border

The CSS property to change the border of an element to YUV 131.7260, 32.6731, 20.4113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

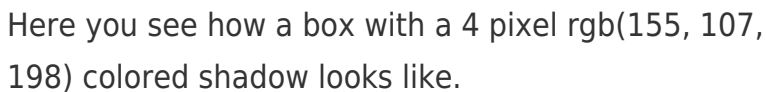
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 107, 198) }
```


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

```
.border{ border-color:rgb(155, 107, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 107, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 107, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 107, 198); box-shadow:4px 4px 4px 4px rgb(155, 107, 198) }
```

Background

The CSS property to change the background color of an element to YUV 131.7260, 32.6731, 20.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 107, 198) }
```

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

```
.background{ background-color: rgb(155,  
107, 198) }
```

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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