

Converting Colors

YUV(131.9110, 32.0889,
21.1261)

Have a look what the booklet for
YUV(131.9110, 32.0889, 21.1261)
contains.

YUV(131.9110, 32.0889, 21.1261)	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(131.9110, 32.0889,
21.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6BC5
RGB	156, 107, 197
RGB Percent	61%, 42%, 77%
CMY	0.3882, 0.5804, 0.2275
CMYK	0.21, 0.46, 0.00, 0.23
HSL	273°, 44%, 60%
HSV	273°, 46%, 77%
XYZ	29.0460, 21.6145, 55.4645
YIQ	131.9110, 0.3140, 38.3780

Conversions

Conversions Part 2

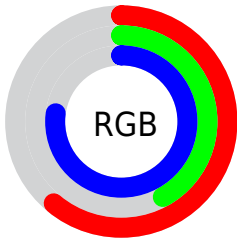
Format	Color
RYB	156, 107, 197
Decimal	10251205
CIELab	53.62, 36.72, -39.70
CIELCh	54, 54.078, 312.764
Yxy	21.6145, 0.2737, 0.2037
Android (android.graphics.Color)	4288441285 (0xFF9C6BC5)
YUV	131.9110, 32.0889, 21.1261
Hunter-Lab	46.4914, 30.1599, -38.1892

Details

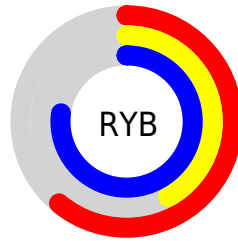
The YUV color **131.9110, 32.0889, 21.1261** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **172.0890, -32.0889, -21.1261**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6770, 33.6832, 23.0853**, and **80.8460, 30.6419, 18.5521** is the 20% darker color. If you saturate the color by 10%, you get **117.4800, 39.2034, 25.8890**, and if you desaturate by 10%, it is **146.3420, 24.9744, 16.3631**.

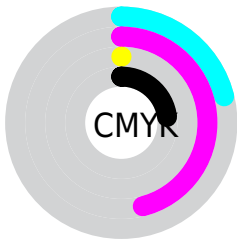
Distribution



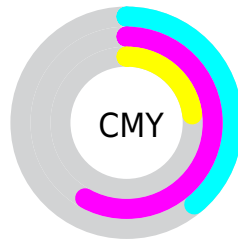
- Red (61%)
- Green (42%)
- Blue (77%)



- Red (61%)
- Yellow (42%)
- Blue (77%)



- Cyan (21%)
- Magenta (46%)
- Yellow (0%)
- Black (23%)



- Cyan (39%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9110, 32.0889, 21.1261 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 131.9110, 32.0889, 21.1261 by changing the saturation by 10% instead.

■ 131.9110, 32.0889,
21.1261

■ 131.9110, 32.0889,
21.1261

■ 255.0000, 0.0000,
0.0000

■ 105.9710, 31.0733,
20.1964

■ 185.6770, 33.6832,
23.0853

■ 80.8460, 30.6419,
18.5521

■ 210.8980, 21.7423,
26.3995

■ 56.3190, 29.9157,
18.1372

■ 231.5200, 11.5756,
20.5920

■ 31.0200, 30.0631,
17.5225

■ 247.9560, 3.4727,
6.1776

■ 15.8250, 25.7223,
9.8005

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 131.9110, 32.0889,
21.1261

■ 131.9110, 32.0889,
21.1261

■ 117.4800, 39.2034,
25.8890

■ 146.3420, 24.9744,
16.3631

■ 103.6360, 46.0285,
30.1372

■ 160.1860, 18.1493,
12.1149

■ 89.2050, 53.1429,
34.9002

■ 174.6170, 11.0348,
7.3519

■ 74.7740, 60.2574,
39.6632

■ 189.0480, 3.9203,
2.5889

■ 60.3430, 67.3719,
44.4262

■ 203.4790, -3.1941,
-2.1741

■ 54.4510, 70.2767,
46.0855

■ 217.3230,
-10.0192, -6.4223

■ 231.7540,
-17.1337, -11.1853

■ 240.3150,
-21.3543, -10.8003

■ 243.0060,
-22.6810, -5.2673

Harmonies

Analogous

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



121.3420, 48.1454, -42.3959



131.9110, 32.0889, 21.1261



129.6420, 13.4875, 60.8270

Triad

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



131.9110, 32.0889, 21.1261



123.8800, -44.8038, 43.9552



104.8080, 20.8007, -91.9166

Complementary

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



131.9110, 32.0889, 21.1261



172.0890, -32.0889, -21.1261

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.



98.7490, 0.1237, -86.6029



131.9110, 32.0889, 21.1261



120.1010, -46.8848, 11.3124

Square

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



131.9110, 32.0889, 21.1261



125.2740, -28.7291, 68.1657



114.4300, -29.2990, -29.3181



108.5360, 40.1618, -95.1861

Rectangle

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



131.9110, 32.0889, 21.1261



126.1740, -0.0858, 74.3924



114.4300, -29.2990, -29.3181



102.9840, 13.8119, -90.3170

Sweetspot

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



131.9110, 32.0889, 21.1261



229.0840, 12.7766, 8.6963



141.9140, 27.1574, -30.6196



112.0960, 7.8407, 5.1778



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.



131.9110, 32.0889, 21.1261



153.6840, 49.9488, 32.7261



143.8280, 24.7348, 46.6318



92.5210, 3.1941, 2.1741



45.1930, 58.0789, 38.4187



9.7850, 12.9240, 8.0816

Inverse Universe

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



138.5840, 4.6421, 51.2308



164.1560, 7.3181, 79.6702



160.1720, -24.7348, -46.6318



93.1470, 0.4205, 5.1331



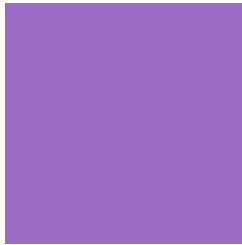
57.1730, 8.2957, 92.8103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 131.9110, 32.0889, 21.1261 looks on a white background.

Color Contrast Check

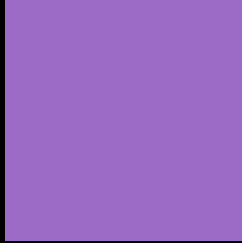
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9110, 32.0889, 21.1261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

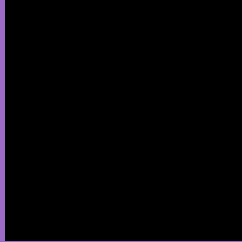
Any Text WCAG AA ✓ Pass

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 131.9110, 32.0889, 21.1261 Background



This preview shows how black text looks on a background with the YUV color 131.9110, 32.0889, 21.1261.



This preview shows how white text looks on a background with the YUV color 131.9110, 32.0889, 21.1261.

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

131.9110, 32.0889, 21.1261

Protanopia

125.1650, 43.3027, -29.0857

Deuteranopia

126.4400, 32.8141, -24.9419



Tritanopia

130.0170, 0.9776, 13.1401

Trichromacy



Original Color

131.9110, 32.0889, 21.1261

Protanomaly

127.2490, 39.3172, -10.7424

Deuteranomaly

128.1370, 32.4705, -8.0131

Tritanomaly

131.0140, 12.3181, 15.7737

Monochromacy



Original Color

131.9110, 32.0889, 21.1261

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1440, 11.7610, 7.7667

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9110, 32.0889, 21.1261 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(156, 107, 197)` looks like.

```
.text, #text, p{  
    color:rgb(156, 107, 197)  
}
```

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(156, 107, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 107, 197) }
```

Border

The CSS property to change the border of an element to YUV 131.9110, 32.0889, 21.1261 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(156, 107, 197) }
```


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

```
.border{ border-color:rgb(156, 107, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 107, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 107, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 107, 197);  
box-shadow:4px 4px 4px 4px rgb(156, 107,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 131.9110, 32.0889, 21.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 107, 197) }
```

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

```
.background{ background-color: rgb(156,  
107, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor