

Converting Colors

YUV(131.1220, 35.4359,
20.9410)

Have a look what the booklet for
YUV(131.1220, 35.4359, 20.9410)
contains.

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Color

**YUV(131.1220, 35.4359,
20.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	9B69CB
RGB	155, 105, 203
RGB Percent	61%, 41%, 80%
CMY	0.3922, 0.5882, 0.2039
CMYK	0.24, 0.48, 0.00, 0.20
HSL	271°, 49%, 60%
HSV	271°, 48%, 80%
XYZ	29.3486, 21.3835, 59.0805
YIQ	131.1220, -1.6580, 41.0780

Conversions

Conversions Part 2

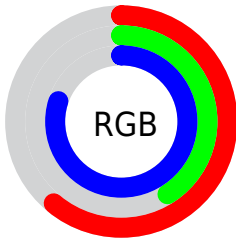
Format	Color
RYB	155, 105, 203
Decimal	10185163
CIELab	53.37, 38.96, -43.53
CIElCh	53, 58.415, 311.827
Yxy	21.3835, 0.2673, 0.1947
Android (android.graphics.Color)	4288375243 (0xFF9B69CB)
YUV	131.1220, 35.4359, 20.9410
Hunter-Lab	46.2423, 32.3647, -43.3810

Details

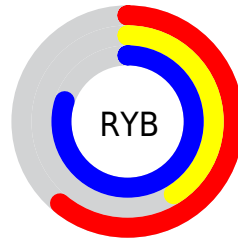
The YUV color **131.1220, 35.4359, 20.9410** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **176.8780, -35.4359, -20.9410**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3180, 34.8462, 23.4001**, and **79.9430, 33.5521, 18.4670** is the 20% darker color. If you saturate the color by 10%, you get **116.3920, 42.6977, 25.0892**, and if you desaturate by 10%, it is **145.8520, 28.1740, 16.7928**.

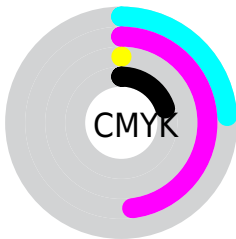
Distribution



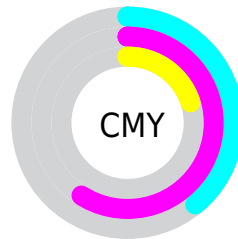
- Red (61%)
- Green (41%)
- Blue (80%)



- Red (61%)
- Yellow (41%)
- Blue (80%)



- Cyan (24%)
- Magenta (48%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.1220, 35.4359, 20.9410 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 131.1220, 35.4359, 20.9410 by changing the saturation by 10% instead.

131.1220, 35.4359,
20.9410

131.1220, 35.4359,
20.9410

255.0000, 0.0000,
0.0000

105.1820, 34.4203,
20.0114

184.3180, 34.8462,
23.4001

79.9430, 33.5521,
18.4670

209.4250, 22.4685,
26.8143

55.1170, 32.9733,
17.4374

230.3460, 12.1544,
21.6216

29.2310, 33.4101,
17.3374

246.7820, 4.0515,
7.2072

15.0850, 28.0591,
6.9415

5.5860, 21.4031,
-4.8989

3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 131.1220, 35.4359,
20.9410

■ 131.1220, 35.4359,
20.9410

■ 116.3920, 42.6977,
25.0892

■ 145.8520, 28.1740,
16.7928

■ 101.0750, 50.2490,
29.7522

■ 161.1690, 20.6227,
12.1298

■ 86.3450, 57.5109,
33.9004

■ 175.8990, 13.3608,
7.9816

■ 71.6150, 64.7728,
38.0486

■ 190.6290, 6.0989,
3.8334

■ 56.2980, 72.3241,
42.7117

■ 205.9460, -1.4524,
-0.8296

■ 54.2380, 73.3397,
43.6413

■ 220.6760, -8.7143,
-4.9779

■ 235.4060,
-15.9762, -9.1261

■ 243.0920,
-19.7654, -7.0967

■ 245.7830,
-21.0920, -1.5637

Harmonies

Analogous

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



116.4590, 54.0037, -54.7765



131.1220, 35.4359, 20.9410



127.9460, 15.8026, 64.9454

Triad

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



131.1220, 35.4359, 20.9410



122.3490, -49.4721, 47.9289



105.3950, 20.5113, -92.4314

Complementary

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



131.1220, 35.4359, 20.9410



176.8780, -35.4359, -20.9410

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.



98.1790, -2.0602, -86.1030



131.1220, 35.4359, 20.9410



117.5330, -55.4788, 14.4416

Square

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



131.1220, 35.4359, 20.9410



122.9650, -30.0557, 73.6987



112.2080, -32.6405, -30.8774



109.5790, 41.6196, -96.1008

Rectangle

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



131.1220, 35.4359, 20.9410



124.2610, 1.3503, 80.4551



112.2080, -32.6405, -30.8774



103.3430, 12.6489, -90.6318

Sweetspot

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



131.1220, 35.4359, 20.9410



228.7850, 12.9240, 8.0816



144.9350, 28.6260, -35.0230



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.



131.1220, 35.4359, 20.9410



146.5960, 53.4432, 31.9263



145.4740, 28.3603, 50.4503



94.6350, 3.6309, 2.0741



44.3390, 59.9789, 35.6597



10.3120, 13.6502, 8.4964

Inverse Universe

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



139.7740, 6.5204, 55.4492



159.5740, 10.0700, 83.6886



162.5260, -28.3603, -50.4503



95.5600, 0.7099, 5.6479



58.8680, 10.9111, 93.9548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 131.1220, 35.4359, 20.9410 looks on a white background.

Color Contrast Check

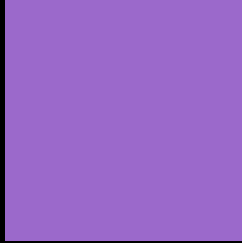
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1220, 35.4359, 20.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

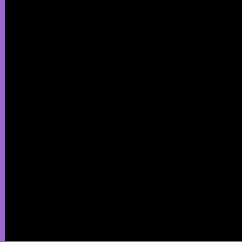
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.1220, 35.4359, 20.9410

Background



This preview shows how black text looks on a background with the YUV color 131.1220, 35.4359, 20.9410.



This preview shows how white text looks on a background with the YUV color 131.1220, 35.4359,

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

131.1220, 35.4359, 20.9410

Protanopia

123.9840, 47.8289, -34.1890

Deuteranopia

124.9170, 36.0299, -29.7452



Tritanopia

129.3050, 0.8356, 12.0105

Trichromacy



Original Color

131.1220, 35.4359, 20.9410

Protanomaly

126.5520, 43.1119, -14.5161

Deuteranomaly

127.3260, 35.8283, -11.6869

Tritanomaly

129.9430, 13.3391, 14.9590

Monochromacy



Original Color

131.1220, 35.4359, 20.9410

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.3720, 12.6346, 7.5668

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1220, 35.4359, 20.9410 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, 105, 203)` looks like.

```
.text, #text, p{  
    color:rgb(155, 105, 203)  
}
```

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, 105, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 105, 203) }
```

Border

The CSS property to change the border of an element to YUV 131.1220, 35.4359, 20.9410 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, 105, 203) }
```


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

```
.border{ border-color:rgb(155, 105, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 105, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 105, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 105, 203);  
box-shadow:4px 4px 4px 4px rgb(155, 105,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 131.1220, 35.4359, 20.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 105, 203) }
```

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

```
.background{ background-color: rgb(155,  
105, 203) }
```

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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