

Converting Colors

YUV(104.9650, 49.8103,
-63.1133)

Have a look what the booklet for
YUV(104.9650, 49.8103, -63.1133)
contains.

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Color

**YUV(104.9650, 49.8103,
-63.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	217ACE
RGB	33, 122, 206
RGB Percent	13%, 48%, 81%
CMY	0.8706, 0.5216, 0.1922
CMYK	0.84, 0.41, 0.00, 0.19
HSL	209°, 72%, 47%
HSV	209°, 84%, 81%
XYZ	18.7273, 18.6986, 61.0147
YIQ	104.9650, -80.0080, 7.2560

Conversions

Conversions Part 2

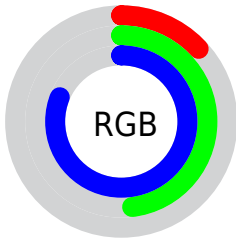
Format	Color
R _Y B	33, 92, 206
Decimal	2194126
CIE Lab	50.33, 5.03, -50.52
CIE LCh	50, 50.771, 275.687
Yxy	18.6986, 0.1902, 0.1899
Android (android.graphics.Color)	4280384206 (0xFF217ACE)
YUV	104.9650, 49.8103, -63.1133
Hunter-Lab	43.2419, 1.6319, -53.3893

Details

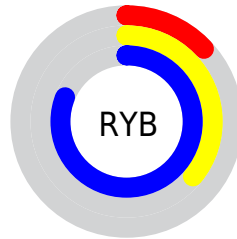
The YUV color **104.9650, 49.8103, -63.1133** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **134.0350, -49.8103, 63.1133**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5000, 45.1095, -48.6735**, and **60.6520, 44.5416, -53.1918** is the 20% darker color. If you saturate the color by 10%, you get **92.8160, 55.7997, -70.8756**, and if you desaturate by 10%, it is **117.1140, 43.8208, -55.3510**.

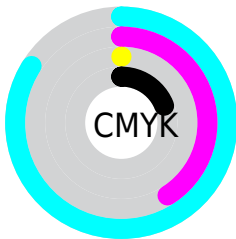
Distribution



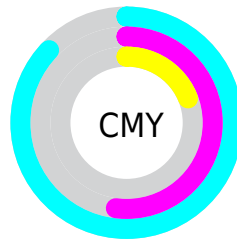
- Red (13%)
- Green (48%)
- Blue (81%)



- Red (13%)
- Yellow (36%)
- Blue (81%)



- Cyan (84%)
- Magenta (41%)
- Yellow (0%)
- Black (19%)



- Cyan (87%)
- Magenta (52%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9650, 49.8103, -63.1133 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 104.9650, 49.8103, -63.1133 by changing the saturation by 10% instead.

■ 104.9650, 49.8103,
-63.1133

■ 104.9650, 49.8103,
-63.1133

255.0000, 0.0000,
0.0000

■ 77.8180, 49.3897,
-68.2464

■ 163.5000, 45.1095,
-48.6735

■ 60.6520, 44.5416,
-53.1918

■ 188.6180, 32.7263,
-43.5150

■ 44.7740, 39.5514,
-39.2668

■ 214.3230, 20.0538,
-38.8713

■ 30.0700, 33.9825,
-26.3714

■ 238.5550, 8.1074,
-33.8127

■ 12.0720, 31.0235,
-10.5871

■ 247.5250, 3.6852,
-15.3694

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 104.9650, 49.8103,
-63.1133

■ 104.9650, 49.8103,
-63.1133

■ 92.8160, 55.7997,
-70.8756

■ 117.1140, 43.8208,
-55.3510

■ 85.7060, 59.3049,
-75.1642

■ 128.9640, 37.9787,
-48.2034

■ 141.1130, 31.9893,
-40.4411

■ 152.9630, 26.1472,
-33.2936

■ 165.1120, 20.1578,
-25.5312

■ 177.2610, 14.1683,
-17.7689

■ 189.1110, 8.3263,
-10.6213

■ 201.2600, 2.3368,
-2.8590

■ 213.1100, -3.5052,
4.2885

Harmonies

Analogous

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



101.2300, 47.7076, -88.7787



104.9650, 49.8103, -63.1133



122.7630, 33.1478, 8.1008

Triad

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



104.9650, 49.8103, -63.1133



116.9840, -22.1771, 66.6660



90.3540, -4.1185, -79.2405

Complementary

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



104.9650, 49.8103, -63.1133



134.0350, -49.8103, 63.1133

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.



109.1110, -32.0997, -17.6373



104.9650, 49.8103, -63.1133



116.2100, -38.5575, 47.1738

Square

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



104.9650, 49.8103, -63.1133



118.4570, -2.6903, 69.7592



113.4270, -44.5805, 18.9195



96.6580, 14.9586, -84.7691

Rectangle

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



104.9650, 49.8103, -63.1133



122.9040, 22.7253, 37.7952



113.4270, -44.5805, 18.9195



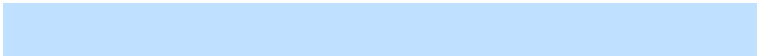
101.4520, -15.9988, -48.6314

Sweetspot

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



104.9650, 49.8103, -63.1133



217.6670, 18.4052, -23.3870



144.1270, -13.3736, -97.4584



105.1860, 11.2473, -14.1951



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.



104.9650, 49.8103, -63.1133



105.9670, 73.4733, -92.9331



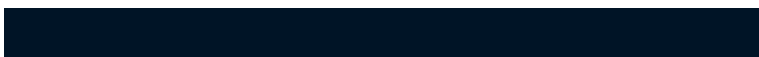
54.4830, 74.6979, -18.8406



96.0750, 2.9210, -3.5738



68.8190, 47.9102, -60.3543



16.0720, 10.8105, -14.0951

Inverse Universe

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



94.8730, 13.3736, 97.4584



91.1790, 19.6318, 143.6710



184.5170, -74.6979, 18.8406



95.5600, 0.7099, 5.6479



59.3240, 12.6583, 93.5549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 104.9650, 49.8103, -63.1133 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 104.9650, 49.8103, -63.1133 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 104.9650, 49.8103, -63.1133

Background



This preview shows how black text looks on a background with the YUV color 104.9650, 49.8103, -63.1133.



This preview shows how white text looks on a background with the YUV color 104.9650, 49.8103, -63.1133.

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

104.9650, 49.8103, -63.1133

Protanopia

115.8230, 41.9923, -28.7858

Deuteranopia

108.8740, 47.8831, -51.6325



Tritanopia

93.6720, 23.8257, -82.1503

Trichromacy



Original Color

104.9650, 49.8103, -63.1133

Protanomaly

111.8430, 44.9404, -41.0813

Deuteranomaly

107.6670, 48.4782, -55.8360

Tritanomaly

97.5340, 33.2607, -75.0133

Monochromacy



Original Color

104.9650, 49.8103, -63.1133

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9660, 18.2578, -22.7722

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9650, 49.8103, -63.1133 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(33, 122, 206)` looks like.

```
.text, #text, p{  
    color:rgb(33, 122, 206)  
}
```

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(33, 122, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 122, 206) }
```

Border

The CSS property to change the border of an element to YUV 104.9650, 49.8103, -63.1133 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(33, 122, 206) }
```


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

```
.border{ border-color:rgb(33, 122, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 122, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 122, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 122, 206);  
box-shadow:4px 4px 4px 4px rgb(33, 122,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 104.9650, 49.8103, -63.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 122, 206) }
```

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

```
.background{ background-color: rgb(33, 122,  
206) }
```

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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