

Converting Colors

YUV(165.2120, 31.9405,
-24.7419)

Have a look what the booklet for
YUV(165.2120, 31.9405, -24.7419)
contains.

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Color

**YUV(165.2120, 31.9405,
-24.7419)**

Conversions

Conversions Part 1

Format	Color
Hex	89A7E6
RGB	137, 167, 230
RGB Percent	54%, 65%, 90%
CMY	0.4627, 0.3451, 0.0980
CMYK	0.40, 0.27, 0.00, 0.10
HSL	221°, 65%, 72%
HSV	221°, 40%, 90%
XYZ	38.4182, 38.6690, 80.3019
YIQ	165.2120, -38.1030, 13.2330

Conversions

Conversions Part 2

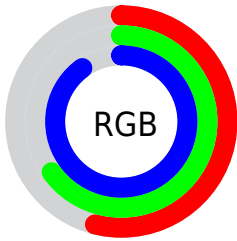
Format	Color
RYB	137, 160, 230
Decimal	9021414
CIELab	68.51, 5.42, -34.99
CIELCh	69, 35.406, 278.802
Yxy	38.6690, 0.2441, 0.2457
Android (android.graphics.Color)	4287211494 (0xFF89A7E6)
YUV	165.2120, 31.9405, -24.7419
Hunter-Lab	62.1844, 1.4565, -33.0352

Details

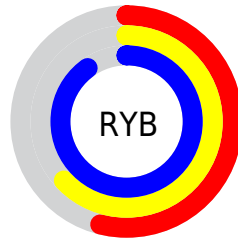
The YUV color **165.2120, 31.9405, -24.7419** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **201.7880, -31.9405, 24.7419**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0910, 18.6891, -21.1278**, and **111.8590, 30.6355, -26.1863** is the 20% darker color. If you saturate the color by 10%, you get **148.9430, 39.9611, -30.6450**, and if you desaturate by 10%, it is **181.4810, 23.9199, -18.8388**.

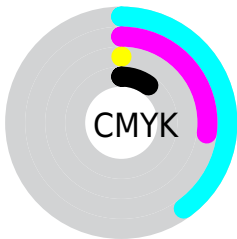
Distribution



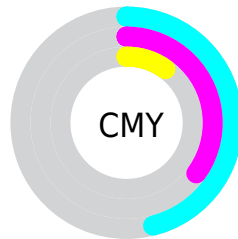
- Red (54%)
- Green (65%)
- Blue (90%)



- Red (54%)
- Yellow (63%)
- Blue (90%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2120, 31.9405, -24.7419 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 165.2120, 31.9405, -24.7419 by changing the saturation by 10% instead.

■ 165.2120, 31.9405,
-24.7419

■ 165.2120, 31.9405,
-24.7419

255.0000, 0.0000,
0.0000

■ 138.6850, 31.2143,
-25.1567

■ 217.0910, 18.6891,
-21.1278

■ 111.8590, 30.6355,
-26.1863

■ 242.1980, 6.3114,
-17.7136

■ 86.3210, 29.9147,
-28.3455

■ 253.8040, 0.5896,
-2.4591

■ 59.9890, 30.0784,
-34.1934

■ 37.9460, 28.6206,
-33.2786

■ 23.4700, 23.9253,
-20.5832

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 165.2120, 31.9405,
-24.7419

■ 165.2120, 31.9405,
-24.7419

■ 148.9430, 39.9611,
-30.6450

■ 181.4810, 23.9199,
-18.8388

■ 133.2610, 47.6923,
-37.0629

■ 197.1630, 16.1886,
-12.4210

■ 116.9920, 55.7129,
-42.9660

■ 213.4320, 8.1680,
-6.5179

■ 101.3100, 63.4442,
-49.3839

■ 229.1140, 0.4368,
-0.1000

■ 85.0410, 71.4648,
-55.2870

■ 245.3830, -7.5838,
5.8031

■ 69.6580, 79.0486,
-61.0901

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



154.7790, 35.1120, -62.0732



165.2120, 31.9405, -24.7419



170.4400, 22.9541, 11.0151

Triad

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



165.2120, 31.9405, -24.7419



168.5690, -19.5075, 50.3670



155.1180, -5.9742, -43.9535

Complementary

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



165.2120, 31.9405, -24.7419



201.7880, -31.9405, 24.7419

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.



160.1790, -21.7802, -14.1890



165.2120, 31.9405, -24.7419



166.6630, -28.9209, 36.2525

Square

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



165.2120, 31.9405, -24.7419



169.9510, -5.3988, 51.7860



163.8790, -30.0133, 13.2611



147.2080, 14.1945, -72.9734

Rectangle

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



165.2120, 31.9405, -24.7419



171.3840, 14.6007, 30.3582



163.8790, -30.0133, 13.2611



156.9900, -11.8271, -33.3172

Sweetspot

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



165.2120, 31.9405, -24.7419



233.4040, 10.6468, -8.2473



198.6590, 0.1681, -54.0749



114.9870, 6.4154, -4.3736



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.



165.2120, 31.9405, -24.7419



167.7300, 43.0241, -33.0892



152.0870, 38.4111, -0.0763



106.7160, 4.0840, -3.2589



54.4520, 61.4022, -47.7544



15.2060, 17.6464, -13.3357

Inverse Universe

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



168.2270, -0.6049, 54.1749



171.9350, -0.9540, 72.8480



214.9130, -38.4111, 0.0763



107.0440, -0.0217, 6.9774



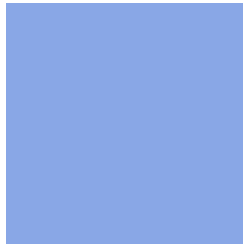
60.1330, -1.0516, 104.2464



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 165.2120, 31.9405, -24.7419 looks on a white background.

Color Contrast Check

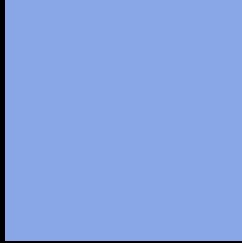
Large Text (above 18pt) WCAG AA × Fail

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 165.2120, 31.9405, -24.7419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

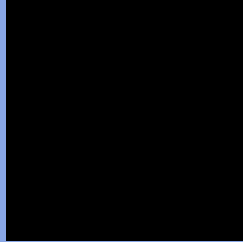
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.2120, 31.9405, -24.7419

Background



This preview shows how black text looks on a background with the YUV color 165.2120, 31.9405, -24.7419.



This preview shows how white text looks on a background with the YUV color 165.2120, 31.9405, -24.7419.

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

165.2120, 31.9405, -24.7419

Protanopia

166.5120, 30.3136, -16.2350

Deuteranopia

166.8430, 31.6294, -18.2793



Tritanopia

161.9450, 13.3381, -31.5238

Trichromacy



Original Color

165.2120, 31.9405, -24.7419

Protanomaly

166.0170, 31.0506, -19.3089

Deuteranomaly

166.5330, 31.7822, -20.6384

Tritanomaly

163.0900, 20.1686, -29.0199

Monochromacy



Original Color

165.2120, 31.9405, -24.7419

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3330, 11.6678, -9.0620

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2120, 31.9405, -24.7419 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(137, 167, 230)` looks like.

```
.text, #text, p{  
    color:rgb(137, 167, 230)  
}
```

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(137, 167, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 167, 230) }
```

Border

The CSS property to change the border of an element to YUV 165.2120, 31.9405, -24.7419 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(137, 167, 230) }
```


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

```
.border{ border-color:rgb(137, 167, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 167, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 167, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 167, 230);  
box-shadow:4px 4px 4px 4px rgb(137, 167,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 165.2120, 31.9405, -24.7419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 167, 230) }
```

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

```
.background{ background-color: rgb(137,  
167, 230) }
```

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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