

Converting Colors

YUV(169.6530, 29.7511,
-22.4977)

Have a look what the booklet for
YUV(169.6530, 29.7511, -22.4977)
contains.

YUV(169.6530, 29.7511, -22.4977)	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(169.6530, 29.7511,
-22.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	90ABE6
RGB	144, 171, 230
RGB Percent	56%, 67%, 90%
CMY	0.4353, 0.3294, 0.0980
CMYK	0.37, 0.26, 0.00, 0.10
HSL	221°, 63%, 73%
HSV	221°, 37%, 90%
XYZ	40.3474, 40.7683, 80.6054
YIQ	169.6530, -35.0310, 12.6250

Conversions

Conversions Part 2

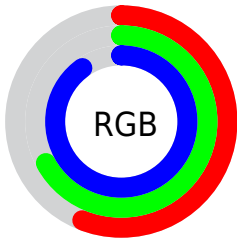
Format	Color
RYB	144, 165, 230
Decimal	9481190
CIELab	70.01, 5.03, -32.63
CIELCh	70, 33.011, 278.763
Yxy	40.7683, 0.2495, 0.2521
Android (android.graphics.Color)	4287671270 (0xFF90ABE6)
YUV	169.6530, 29.7511, -22.4977
Hunter-Lab	63.8500, 1.0582, -30.1537

Details

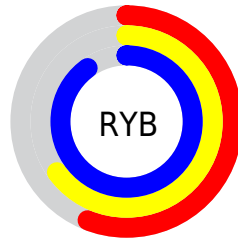
The YUV color **169.6530, 29.7511, -22.4977** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **204.3470, -29.7511, 22.4977**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5320, 16.4997, -18.8836**, and **116.5990, 28.2987, -23.3273** is the 20% darker color. If you saturate the color by 10%, you get **153.3840, 37.7717, -28.4008**, and if you desaturate by 10%, it is **185.9220, 21.7305, -16.5946**.

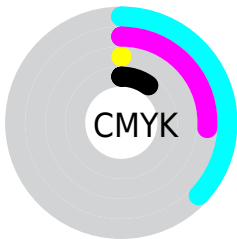
Distribution



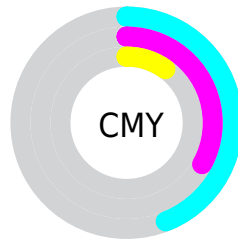
- Red (56%)
- Green (67%)
- Blue (90%)



- Red (56%)
- Yellow (65%)
- Blue (90%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)
- Black (10%)



- Cyan (44%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6530, 29.7511, -22.4977 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 169.6530, 29.7511, -22.4977 by changing the saturation by 10% instead.

■ 169.6530, 29.7511,
-22.4977

■ 169.6530, 29.7511,
-22.4977

255.0000, 0.0000,
0.0000

■ 143.1260, 29.0249,
-22.9125

■ 221.5320, 16.4997,
-18.8836

■ 116.5990, 28.2987,
-23.3273

■ 247.2260, 3.8326,
-15.9842

■ 90.7730, 27.7199,
-24.3569

■ 65.6370, 27.2940,
-27.7456

■ 39.7070, 27.7524,
-34.8230

■ 24.6440, 23.3465,
-21.6128

■ 5.7000, 21.8399,

-4.9989

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 169.6530, 29.7511,
-22.4977

■ 169.6530, 29.7511,
-22.4977

■ 153.3840, 37.7717,
-28.4008

■ 185.9220, 21.7305,
-16.5946

■ 137.1150, 45.7923,
-34.3039

■ 202.1910, 13.7098,
-10.6915

■ 121.4330, 53.5235,
-40.7217

■ 217.8730, 5.9786,
-4.2736

■ 105.1640, 61.5441,
-46.6248

■ 234.1420, -2.0420,
1.6295

■ 88.8950, 69.5648,
-52.5279

■ 249.2150, -9.4730,
5.0734

■ 72.6260, 77.5854,
-58.4310

■ 252.1500,
-10.9200, 2.4994

■ 68.4840, 79.6274,
-60.0605

Harmonies

Analogous

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



160.7260, 32.1801, -55.0107



169.6530, 29.7511, -22.4977



174.3860, 21.5017, 10.1855

Triad

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



169.6530, 29.7511, -22.4977



173.0740, -18.7705, 47.2931



160.1400, -5.9850, -40.4648

Complementary

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



169.6530, 29.7511, -22.4977



204.3470, -29.7511, 22.4977

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.



164.6460, -20.0385, -12.8445



169.6530, 29.7511, -22.4977



171.1080, -27.1682, 34.1083

Square

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



169.6530, 29.7511, -22.4977



174.2280, -5.5354, 48.9120



168.3350, -28.2662, 12.8612



154.6820, 11.9888, -65.4961

Rectangle

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



169.6530, 29.7511, -22.4977



175.7320, 13.4431, 28.2990



168.3350, -28.2662, 12.8612



161.5280, -11.1063, -31.1581

Sweetspot

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



169.6530, 29.7511, -22.4977



235.4750, 9.6258, -7.4326



201.2080, 0.8835, -50.1714



115.8730, 5.9786, -4.2736



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.



169.6530, 29.7511, -22.4977



174.2420, 39.8137, -30.0302



158.5880, 35.2061, 1.2383



106.7160, 4.0840, -3.2589



53.2780, 61.9809, -46.7248



15.2060, 17.6464, -13.3357

Inverse Universe

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



172.7920, -0.8835, 50.1714



178.4890, -1.2271, 67.1001



215.4120, -35.2061, -1.2383



107.0440, -0.0217, 6.9774



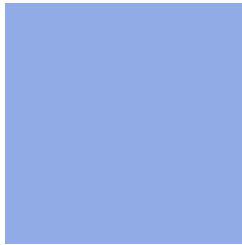
59.9050, -1.9252, 104.4463



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 169.6530, 29.7511, -22.4977 looks on a white background.

Color Contrast Check

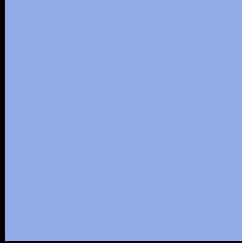
Large Text (above 18pt) WCAG AA × Fail

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 169.6530, 29.7511, -22.4977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

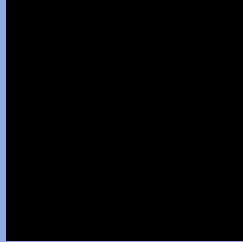
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.6530, 29.7511, -22.4977

Background



This preview shows how black text looks on a background with the YUV color 169.6530, 29.7511, -22.4977.



This preview shows how white text looks on a background with the YUV color 169.6530, 29.7511, -22.4977.

-22.4977.

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

169.6530, 29.7511, -22.4977

Protanopia

171.2410, 27.9822, -15.1204

Deuteranopia

170.9960, 29.5820, -14.9055



Tritanopia

166.7390, 12.4537, -27.8351

Trichromacy



Original Color

169.6530, 29.7511, -22.4977

Protanomaly

170.7460, 28.7192, -18.1942

Deuteranomaly

170.3870, 29.8822, -17.8794

Tritanomaly

167.4710, 18.9948, -25.8461

Monochromacy



Original Color

169.6530, 29.7511, -22.4977

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8170, 10.9362, -7.7325

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6530, 29.7511, -22.4977 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(144, 171, 230)` looks like.

```
.text, #text, p{  
    color:rgb(144, 171, 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(144, 171, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 171, 230) }
```

Border

The CSS property to change the border of an element to YUV 169.6530, 29.7511, -22.4977 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(144, 171, 230) }
```


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

```
.border{ border-color:rgb(144, 171, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 171, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 171, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 171, 230);  
box-shadow:4px 4px 4px 4px rgb(144, 171,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 169.6530, 29.7511, -22.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 171, 230) }
```

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

```
.background{ background-color: rgb(144,  
171, 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](#).

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