

Converting Colors

YUV(149.0660, 30.0405,
-21.9829)

Have a look what the booklet for
YUV(149.0660, 30.0405, -21.9829)
contains.

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Color

**YUV(149.0660, 30.0405,
-21.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	7C96D2
RGB	124, 150, 210
RGB Percent	49%, 59%, 82%
CMY	0.5137, 0.4118, 0.1765
CMYK	0.41, 0.29, 0.00, 0.18
HSL	222°, 49%, 65%
HSV	222°, 41%, 82%
XYZ	30.8514, 30.7509, 65.2822
YIQ	149.0660, -34.7560, 13.1480

Conversions

Conversions Part 2

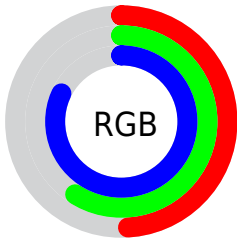
Format	Color
R_{YB}	124, 144, 210
Decimal	8165074
CIE _{Lab}	62.30, 6.14, -33.65
CIE _{LCh}	62, 34.206, 280.335
Yxy	30.7509, 0.2431, 0.2424
Android (android.graphics.Color)	4286355154 (0xFF7C96D2)
YUV	149.0660, 30.0405, -21.9829
Hunter-Lab	55.4535, 2.2643, -30.9813

Details

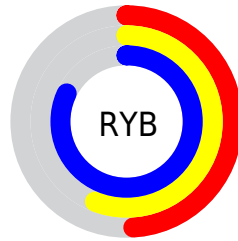
The YUV color **149.0660, 30.0405, -21.9829** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **184.9340, -30.0405, 21.9829**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3390, 25.9619, -20.4683**, and **96.7130, 28.7355, -23.4273** is the 20% darker color. If you saturate the color by 10%, you get **133.9820, 37.4769, -27.1712**, and if you desaturate by 10%, it is **164.1500, 22.6041, -16.7945**.

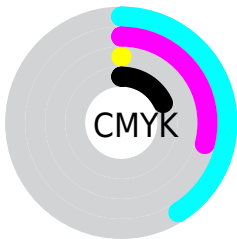
Distribution



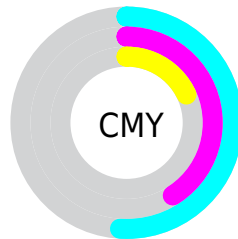
- Red (49%)
- Green (59%)
- Blue (82%)



- Red (49%)
- Yellow (56%)
- Blue (82%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0660, 30.0405, -21.9829 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 149.0660, 30.0405, -21.9829 by changing the saturation by 10% instead.

■ 149.0660, 30.0405,
-21.9829

■ 149.0660, 30.0405,
-21.9829

255.0000, 0.0000,
0.0000

■ 122.5390, 29.3143,
-22.3977

■ 202.3390, 25.9619,
-20.4683

■ 96.7130, 28.7355,
-23.4273

■ 227.4460, 13.5841,
-17.0541

■ 71.8760, 28.1621,
-26.2013

■ 249.6180, 2.6533,
-11.0660

■ 44.1630, 29.4996,
-35.2230

■ 28.3770, 24.9571,
-24.8866

■ 11.0800, 22.1456,
-9.7172

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 149.0660, 30.0405,
-21.9829

■ 149.0660, 30.0405,
-21.9829

■ 133.9820, 37.4769,
-27.1712

■ 164.1500, 22.6041,
-16.7945

■ 119.4850, 44.6239,
-32.8743

■ 178.6470, 15.4570,
-11.0914

■ 104.4010, 52.0603,
-38.0627

■ 193.7310, 8.0206,
-5.9031

■ 89.3170, 59.4967,
-43.2510

■ 208.8150, 0.5842,
-0.7148

■ 74.8200, 66.6437,
-48.9541

■ 223.3120, -6.5628,
4.9884

■ 60.9210, 73.4959,
-53.4277

■ 238.3960,
-13.9992, 10.1767

■ 248.6960,
-19.0771, 5.5286

■ 249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



138.1600, 33.9381, -58.8993



149.0660, 30.0405, -21.9829



154.2830, 21.0595, 12.0298

Triad

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



149.0660, 30.0405, -21.9829



151.9600, -19.2073, 47.3931



138.1720, -4.5218, -43.1238

Complementary

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



149.0660, 30.0405, -21.9829



184.9340, -30.0405, 21.9829

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.



143.6350, -20.0331, -14.5889



149.0660, 30.0405, -21.9829



150.2820, -27.7470, 33.0787

Square

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



149.0660, 30.0405, -21.9829



153.4130, -6.1196, 49.6268



147.3240, -28.2607, 11.1169



130.0230, 14.7787, -73.6882

Rectangle

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



149.0660, 30.0405, -21.9829



154.6290, 13.0009, 30.1434



147.3240, -28.2607, 11.1169



140.4460, -10.0799, -33.7171

Sweetspot

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



149.0660, 30.0405, -21.9829



233.4040, 10.6468, -8.2473



181.2080, 0.8835, -50.1714



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.



149.0660, 30.0405, -21.9829



166.5560, 43.6029, -32.0596



138.5880, 35.2061, 1.2383



97.0150, 3.9366, -2.6442



49.0890, 58.6231, -43.0511



11.7180, 14.4360, -10.2767

Inverse Universe

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



152.6780, -1.3203, 50.2714



171.7070, -1.8276, 73.0480



195.4120, -35.2061, -1.2383



97.6310, -0.3111, 6.4626



56.0460, -2.4877, 98.1837



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 149.0660, 30.0405, -21.9829 looks on a white background.

Color Contrast Check

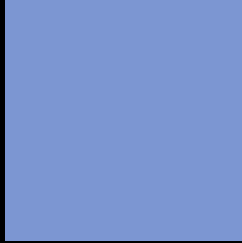
Large Text (above 18pt) WCAG AA × Fail

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 149.0660, 30.0405, -21.9829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

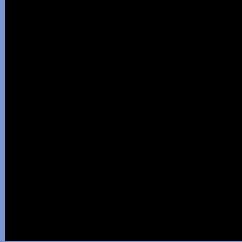
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.0660, 30.0405, -21.9829

Background



This preview shows how black text looks on a background with the YUV color 149.0660, 30.0405, -21.9829.



This preview shows how white text looks on a background with the YUV color 149.0660, 30.0405, -21.9829.

-21.9829.

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

149.0660, 30.0405, -21.9829

Protanopia

150.1700, 29.0032, -15.9351

Deuteranopia

149.9740, 29.5928, -18.3942



Tritanopia

146.2120, 11.7275, -28.2499

Trichromacy



Original Color

149.0660, 30.0405, -21.9829

Protanomaly

149.8600, 29.1560, -18.2942

Deuteranomaly

149.3760, 29.8876, -19.6238

Tritanomaly

147.3570, 18.5580, -25.7461

Monochromacy



Original Color

149.0660, 30.0405, -21.9829

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8170, 10.9362, -7.7325

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0660, 30.0405, -21.9829 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(124, 150, 210)` looks like.

```
.text, #text, p{  
    color:rgb(124, 150, 210)  
}
```

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(124, 150, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 150, 210) }
```

Border

The CSS property to change the border of an element to YUV 149.0660, 30.0405, -21.9829 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(124, 150, 210) }
```


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

```
.border{ border-color:rgb(124, 150, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 150, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 150, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 150, 210);  
box-shadow:4px 4px 4px 4px rgb(124, 150,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 149.0660, 30.0405, -21.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 150, 210) }
```

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

```
.background{ background-color: rgb(124,  
150, 210) }
```

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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