

Converting Colors

YUV(130.7410, 26.2567,
-21.6979)

Have a look what the booklet for
YUV(130.7410, 26.2567, -21.6979)
contains.

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Color

**YUV(130.7410, 26.2567,
-21.6979)**

Conversions

Conversions Part 1

Format	Color
Hex	6A85B8
RGB	106, 133, 184
RGB Percent	42%, 52%, 72%
CMY	0.5843, 0.4784, 0.2784
CMYK	0.42, 0.28, 0.00, 0.28
HSL	219°, 35%, 57%
HSV	219°, 42%, 72%
XYZ	22.9831, 23.2999, 48.6334
YIQ	130.7410, -32.4630, 10.1370

Conversions

Conversions Part 2

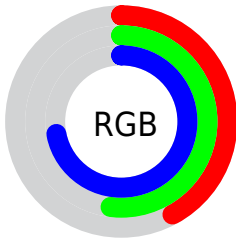
Format	Color
R _Y B	106, 126, 184
Decimal	6981048
CIE Lab	55.38, 3.83, -29.81
CIE LCh	55, 30.058, 277.319
Yxy	23.2999, 0.2421, 0.2455
Android (android.graphics.Color)	4285171128 (0xFF6A85B8)
YUV	130.7410, 26.2567, -21.6979
Hunter-Lab	48.2700, 0.5179, -25.9474

Details

The YUV color $130.7410, 26.2567, -21.6979$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $159.2590, -26.2567, 21.6979$, and the grayscale version is $131.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $184.3820, 27.4197, -21.3830$, and $80.0890, 25.0991, -23.7571$ is the 20% darker color. If you saturate the color by 10%, you get $118.3150, 32.3827, -26.5863$, and if you desaturate by 10%, it is $143.1670, 20.1307, -16.8095$.

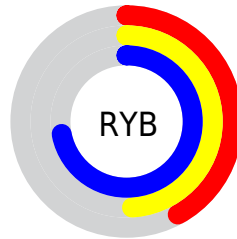
Distribution



Red (42%)

Green (52%)

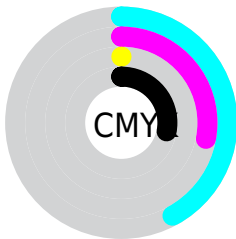
Blue (72%)



Red (42%)

Yellow (49%)

Blue (72%)

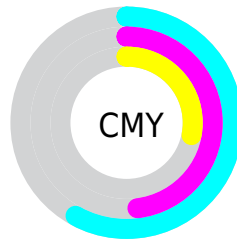


Cyan (42%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (58%)

Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7410, 26.2567, -21.6979 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 130.7410, 26.2567, -21.6979 by changing the saturation by 10% instead.

■ 130.7410, 26.2567,
-21.6979

■ 130.7410, 26.2567,
-21.6979

■ 255.0000, 0.0000,
0.0000

■ 105.2140, 25.5305,
-22.1127

■ 184.3820, 27.4197,
-21.3830

■ 80.0890, 25.0991,
-23.7571

■ 210.9000, 21.7413,
-20.0833

■ 54.9530, 24.6732,
-27.1458

■ 236.0070, 9.3635,
-16.6691

■ 32.1270, 24.0944,
-28.1754

■ 252.3090, 1.3267,
-5.5330

■ 17.7650, 19.8359,
-15.5799

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 130.7410, 26.2567,
-21.6979

■ 130.7410, 26.2567,
-21.6979

■ 118.3150, 32.3827,
-26.5863

■ 143.1670, 20.1307,
-16.8095

■ 105.5900, 38.6561,
-32.0894

■ 155.8920, 13.8572,
-11.3063

■ 93.1640, 44.7821,
-36.9778

■ 168.3180, 7.7312,
-6.4179

■ 80.4390, 51.0556,
-42.4810

■ 181.0430, 1.4578,
-0.9147

■ 68.0130, 57.1816,
-47.3694

■ 193.4690, -4.6682,
3.9737

■ 58.5440, 61.8498,
-51.3431

■ 205.8950,
-10.7942, 8.8621

■ 218.6200,
-17.0677, 14.3653

■ 231.0460,
-23.1937, 19.2537

■ 238.6880,
-26.9612, 14.3056

Harmonies

Analogous

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



121.8250, 28.6803, -52.4665



130.7410, 26.2567, -21.6979



135.6800, 18.8918, 7.2966

Triad

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



130.7410, 26.2567, -21.6979



133.8390, -15.6966, 41.3602



122.9990, -5.4225, -34.2021

Complementary

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



130.7410, 26.2567, -21.6979



159.2590, -26.2567, 21.6979

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.



127.1240, -18.3021, -9.7557



130.7410, 26.2567, -21.6979



132.4110, -23.3736, 30.3346

Square

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



130.7410, 26.2567, -21.6979



134.9390, -3.9139, 42.1495



130.2470, -24.7718, 12.0614



116.9710, 10.3673, -58.7336

Rectangle

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



130.7410, 26.2567, -21.6979



136.3570, 12.1490, 23.3659



130.2470, -24.7718, 12.0614



124.7890, -10.2490, -26.1250

Sweetspot

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



130.7410, 26.2567, -21.6979



218.4040, 10.6468, -8.2473



157.6000, -0.2958, -45.2532



106.6880, 6.5628, -4.9884



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



130.7410, 26.2567, -21.6979



156.2630, 41.2823, -34.4337



118.4800, 32.3014, -0.4210



85.7870, 3.0630, -2.4442



49.4820, 52.5134, -43.3957



9.0620, 9.3364, -7.9474

Inverse Universe

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



132.4000, 0.2958, 45.2532



158.6790, 0.6513, 71.3185



171.5200, -32.3014, 0.4210



86.0330, -0.0163, 5.2331



52.8000, 0.5916, 90.5064



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 130.7410, 26.2567, -21.6979 looks on a white background.

Color Contrast Check

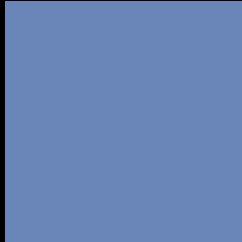
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7410, 26.2567, -21.6979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

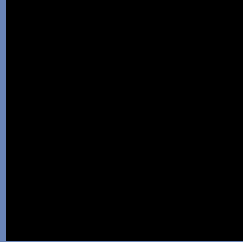
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

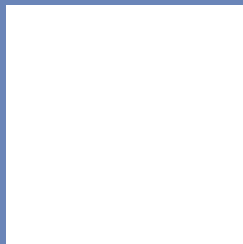
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 130.7410, 26.2567, -21.6979

Background



This preview shows how black text looks on a background with the YUV color 130.7410, 26.2567, -21.6979.



This preview shows how white text looks on a background with the YUV color 130.7410, 26.2567, -21.6979.

-21.6979.

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

130.7410, 26.2567, -21.6979

Protanopia

132.0410, 24.6298, -13.1910

Deuteranopia

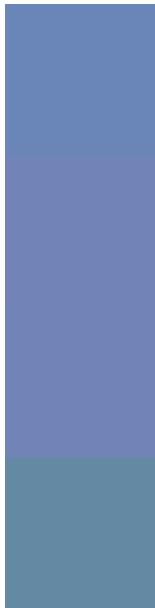
132.2580, 25.5088, -15.1353



Tritanopia

127.8100, 11.4327, -27.0204

Trichromacy



Original Color

130.7410, 26.2567, -21.6979

Protanomaly

131.5460, 25.3668, -16.2648

Deuteranomaly

131.9480, 25.6616, -17.4944

Tritanomaly

128.9010, 16.8108, -25.3462

Monochromacy



Original Color

130.7410, 26.2567, -21.6979

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0620, 9.3364, -7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7410, 26.2567, -21.6979 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(106, 133, 184)` looks like.

```
.text, #text, p{  
    color:rgb(106, 133, 184)  
}
```

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(106, 133, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 133, 184) }
```

Border

The CSS property to change the border of an element to YUV 130.7410, 26.2567, -21.6979 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(106, 133, 184) }
```


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

```
.border{ border-color:rgb(106, 133, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 133, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 133, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 133, 184);  
box-shadow:4px 4px 4px 4px rgb(106, 133,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 130.7410, 26.2567, -21.6979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 133, 184) }
```

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

```
.background{ background-color: rgb(106,  
133, 184) }
```

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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