

Converting Colors

YUV(137.8550, 26.6935,
-21.7978)

Have a look what the booklet for
YUV(137.8550, 26.6935, -21.7978)
contains.

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Color

**YUV(137.8550, 26.6935,
-21.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	718CC0
RGB	113, 140, 192
RGB Percent	44%, 55%, 75%
CMY	0.5569, 0.4510, 0.2471
CMYK	0.41, 0.27, 0.00, 0.25
HSL	219°, 39%, 60%
HSV	219°, 41%, 75%
XYZ	25.7026, 26.0726, 53.5470
YIQ	137.8550, -32.7840, 10.4480

Conversions

Conversions Part 2

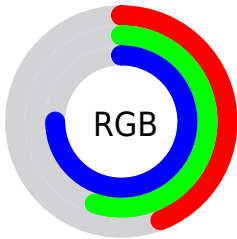
Format	Color
R_{YB}	113, 133, 192
Decimal	7441600
CIE _{Lab}	58.11, 3.91, -30.10
CIE _{LCh}	58, 30.350, 277.403
Yxy	26.0726, 0.2440, 0.2476
Android (android.graphics.Color)	4285631680 (0xFF718CC0)
YUV	137.8550, 26.6935, -21.7978
Hunter-Lab	51.0614, 0.4934, -26.4332

Details

The YUV color **137.8550, 26.6935, -21.7978** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **167.1450, -26.6935, 21.7978**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6100, 28.2933, -21.5830**, and **86.5020, 25.3885, -23.2423** is the 20% darker color. If you saturate the color by 10%, you get **124.5430, 33.2563, -26.7862**, and if you desaturate by 10%, it is **151.1670, 20.1307, -16.8095**.

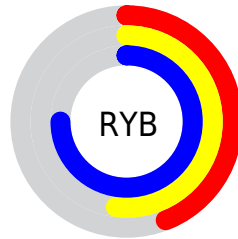
Distribution



Red (44%)

Green (55%)

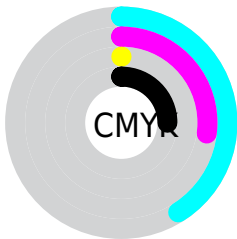
Blue (75%)



Red (44%)

Yellow (52%)

Blue (75%)

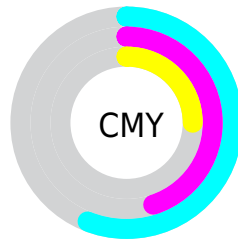


Cyan (41%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (56%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.8550, 26.6935, -21.7978 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 137.8550, 26.6935, -21.7978 by changing the saturation by 10% instead.

■ 137.8550, 26.6935,
-21.7978

■ 137.8550, 26.6935,
-21.7978

255.0000, 0.0000,
0.0000

■ 112.0290, 26.1147,
-22.8274

■ 191.6100, 28.2933,
-21.5830

■ 86.5020, 25.3885,
-23.2423

■ 217.4010, 18.5363,
-18.7687

■ 61.7790, 25.2520,
-26.1162

■ 242.7960, 6.0166,
-16.4841

■ 36.4470, 25.4156,
-31.9640

254.4020, 0.2948,
-1.2296

■ 21.9710, 20.7203,
-19.2686

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 137.8550, 26.6935,
-21.7978

■ 137.8550, 26.6935,
-21.7978

■ 124.5430, 33.2563,
-26.7862

■ 151.1670, 20.1307,
-16.8095

■ 111.8180, 39.5297,
-32.2894

■ 163.8920, 13.8572,
-11.3063

■ 98.2070, 46.2399,
-37.8925

■ 177.5030, 7.1470,
-5.7031

■ 84.8950, 52.8028,
-42.8809

■ 190.8150, 0.5842,
-0.7148

■ 72.1700, 59.0762,
-48.3841

■ 203.5400, -5.6892,
4.7884

■ 60.6300, 64.7654,
-53.1725

■ 216.8520,
-12.2520, 9.7768

■ 229.5770,
-18.5255, 15.2800

■ 239.6000,
-23.4668, 13.5058

■ 247.2310,
-27.2289, 6.8134

Harmonies

Analogous

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



129.2380, 28.9697, -51.9517



137.8550, 26.6935, -21.7978



142.5060, 19.4705, 8.3262

Triad

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



137.8550, 26.6935, -21.7978



141.1380, -15.8440, 41.9750



129.5860, -5.7119, -34.7169

Complementary

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



137.8550, 26.6935, -21.7978



167.1450, -26.6935, 21.7978

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.



134.4120, -18.4441, -10.8853



137.8550, 26.6935, -21.7978



139.5960, -23.9578, 31.0493

Square

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



137.8550, 26.6935, -21.7978



142.2380, -4.0613, 42.7643



137.1330, -25.2086, 12.1614



124.0850, 10.8041, -58.8335

Rectangle

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



137.8550, 26.6935, -21.7978



143.7700, 12.4384, 23.8807



137.1330, -25.2086, 12.1614



131.3760, -10.5384, -26.6398

Sweetspot

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



137.8550, 26.6935, -21.7978



229.2900, 10.2100, -8.1473



165.1870, -0.5852, -45.7680



112.5740, 6.1260, -4.8884



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.8550, 26.6935, -21.7978



165.6760, 41.5717, -33.9189



125.5940, 32.7382, -0.5209



90.4880, 3.2104, -3.0590



50.6390, 54.4080, -44.4104



10.2190, 11.2310, -8.9621

Inverse Universe

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



139.6990, 0.1484, 45.8680



168.5650, 0.2145, 71.4185



179.4060, -32.7382, 0.5209



90.4460, 0.2731, 5.7479



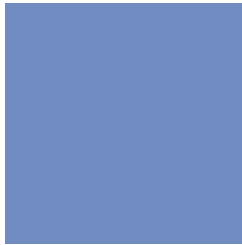
54.4090, 0.2914, 93.4803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 137.8550, 26.6935, -21.7978 looks on a white background.

Color Contrast Check

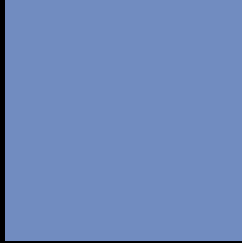
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8550, 26.6935, -21.7978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

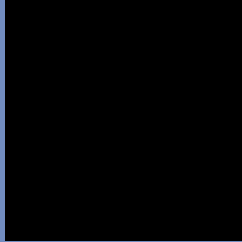
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

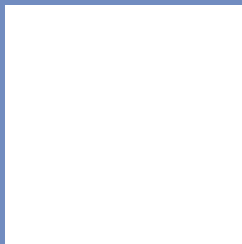
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.8550, 26.6935, -21.7978

Background



This preview shows how black text looks on a background with the YUV color 137.8550, 26.6935, -21.7978.



This preview shows how white text looks on a background with the YUV color 137.8550, 26.6935, -21.7978.

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

137.8550, 26.6935, -21.7978

Protanopia

139.1550, 25.0666, -13.2909

Deuteranopia

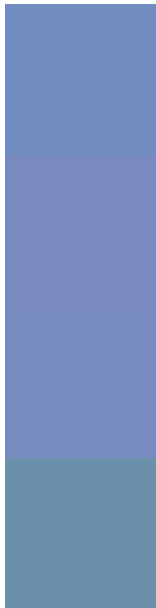
139.4860, 26.3824, -15.3352



Tritanopia

134.8100, 11.4327, -27.0204

Trichromacy



Original Color

137.8550, 26.6935, -21.7978

Protanomaly

138.6600, 25.8036, -16.3648

Deuteranomaly

139.1760, 26.5352, -17.6944

Tritanomaly

135.9010, 16.8108, -25.3462

Monochromacy



Original Color

137.8550, 26.6935, -21.7978

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8550, 26.6935, -21.7978 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(113, 140, 192)` looks like.

```
.text, #text, p{  
    color:rgb(113, 140, 192)  
}
```

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(113, 140, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 140, 192) }
```

Border

The CSS property to change the border of an element to YUV 137.8550, 26.6935, -21.7978 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(113, 140, 192) }
```


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

```
.border{ border-color:rgb(113, 140, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 140, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 140, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 140, 192);  
box-shadow:4px 4px 4px 4px rgb(113, 140,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 137.8550, 26.6935, -21.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 140, 192) }
```

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

```
.background{ background-color: rgb(113,  
140, 192) }
```

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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