

Converting Colors

YUV(166.9730, 31.0723,
-26.2863)

Have a look what the booklet for
YUV(166.9730, 31.0723, -26.2863)
contains.

YUV(166.9730, 31.0723, -26.2863)	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(166.9730, 31.0723,
-26.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	89AAE6
RGB	137, 170, 230
RGB Percent	54%, 67%, 90%
CMY	0.4627, 0.3333, 0.0980
CMYK	0.40, 0.26, 0.00, 0.10
HSL	219°, 65%, 72%
HSV	219°, 40%, 90%
XYZ	38.9742, 39.7810, 80.4872
YIQ	166.9730, -38.9280, 11.6640

Conversions

Conversions Part 2

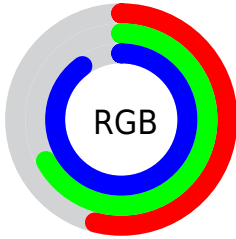
Format	Color
R _Y B	137, 161, 230
Decimal	9022182
CIE Lab	69.31, 3.73, -33.74
CIE LCh	69, 33.950, 276.314
Yxy	39.7810, 0.2447, 0.2498
Android (android.graphics.Color)	4287212262 (0xFF89AAE6)
YUV	166.9730, 31.0723, -26.2863
Hunter-Lab	63.0722, -0.0758, -31.5103

Details

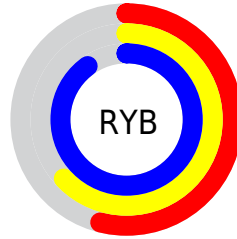
The YUV color **166.9730, 31.0723, -26.2863** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **200.0270, -31.0723, 26.2863**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8520, 17.8210, -22.6722**, and **113.6200, 29.7673, -27.7307** is the 20% darker color. If you saturate the color by 10%, you get **151.2910, 38.8035, -32.7042**, and if you desaturate by 10%, it is **182.6550, 23.3411, -19.8684**.

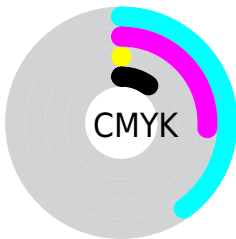
Distribution



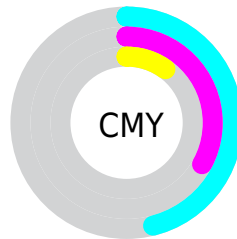
- Red (54%)
- Green (67%)
- Blue (90%)



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



- Cyan (40%)
- Magenta (26%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9730, 31.0723, -26.2863 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 166.9730, 31.0723, -26.2863 by changing the saturation by 10% instead.

■ 166.9730, 31.0723,
-26.2863

■ 166.9730, 31.0723,
-26.2863

255.0000, 0.0000,
0.0000

■ 140.4460, 30.3461,
-26.7011

■ 218.8520, 17.8210,
-22.6722

■ 113.6200, 29.7673,
-27.7307

■ 244.5460, 5.1538,
-19.7728

■ 88.0820, 29.0466,
-29.8899

■ 253.8040, 0.5896,
-2.4591

■ 61.1630, 29.4996,
-35.2230

■ 39.1200, 28.0418,
-34.3082

■ 24.6440, 23.3465,
-21.6128

■ 7.4610, 20.9717,

-6.5433

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 166.9730, 31.0723,
-26.2863

■ 166.9730, 31.0723,
-26.2863

■ 151.2910, 38.8035,
-32.7042

■ 182.6550, 23.3411,
-19.8684

■ 135.6090, 46.5348,
-39.1221

■ 198.3370, 15.6099,
-13.4505

■ 119.9270, 54.2660,
-45.5400

■ 214.0190, 7.8786,
-7.0327

■ 104.8320, 61.7078,
-52.4727

■ 229.1140, 0.4368,
-0.1000

■ 89.1500, 69.4391,
-58.8905

■ 244.7960, -7.2944,
6.3179

■ 74.3540, 76.7335,
-65.2085

■ 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.



157.0350, 33.5067, -60.5437



166.9730, 31.0723, -26.2863



172.7170, 22.8175, 8.1412

Triad

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



166.9730, 31.0723, -26.2863



171.1990, -18.3391, 48.9375



158.5100, -7.1534, -39.0353

Complementary

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



166.9730, 31.0723, -26.2863



200.0270, -31.0723, 26.2863

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.



162.9020, -21.6437, -11.3151



166.9730, 31.0723, -26.2863



169.4180, -27.3211, 36.4674

Square

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



166.9730, 31.0723, -26.2863



172.8690, -4.3724, 49.2269



166.5310, -28.8558, 15.3203



152.1550, 11.2626, -65.9109

Rectangle

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



166.9730, 31.0723, -26.2863



173.7750, 14.9009, 27.3843



166.5310, -28.8558, 15.3203



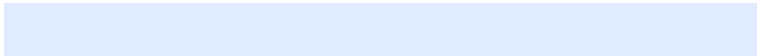
159.7840, -12.7115, -29.6286

Sweetspot

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



166.9730, 31.0723, -26.2863



233.9910, 10.3574, -8.7621



198.3170, -1.1423, -53.7750



115.5740, 6.1260, -4.8884



0.0000, 0.0000, 0.0000



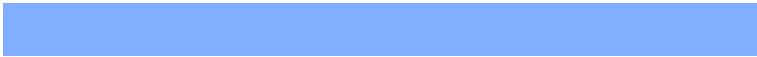
128.0000, 0.0000, 0.0000

Same Dimension

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



166.9730, 31.0723, -26.2863



170.0780, 41.8665, -35.1484



151.1900, 38.8533, -1.9206



106.7160, 4.0840, -3.2589



57.3870, 59.9552, -50.3284



16.3800, 17.0677, -14.3653

Inverse Universe

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



168.5690, 0.7055, 53.8750



172.3910, 0.7932, 72.4481



215.8100, -38.8533, 1.9206



107.0440, -0.0217, 6.9774



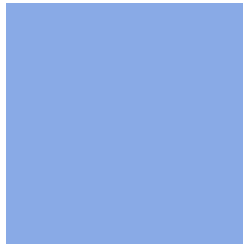
60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 166.9730, 31.0723, -26.2863 looks on a white background.

Color Contrast Check

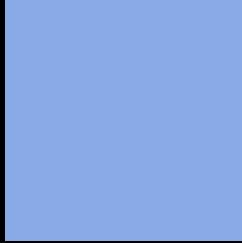
Large Text (above 18pt) WCAG AA × Fail

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 166.9730, 31.0723, -26.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

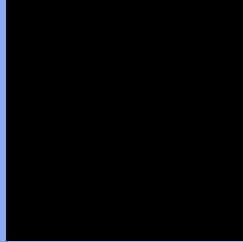
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.9730, 31.0723, -26.2863

Background



This preview shows how black text looks on a background with the YUV color 166.9730, 31.0723, -26.2863.



This preview shows how white text looks on a background with the YUV color 166.9730, 31.0723, -26.2863.

-26.2863.

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

166.9730, 31.0723, -26.2863

Protanopia

169.0560, 28.5664, -15.8351

Deuteranopia

169.2130, 30.4610, -16.8498



Tritanopia

163.6460, 13.4855, -32.1385

Trichromacy



Original Color

166.9730, 31.0723, -26.2863

Protanomaly

168.2620, 29.4508, -19.5238

Deuteranomaly

168.3050, 30.9086, -20.4385

Tritanomaly

164.6770, 19.8792, -29.5347

Monochromacy



Original Color

166.9730, 31.0723, -26.2863

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9200, 11.3784, -9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9730, 31.0723, -26.2863 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, 170, 230)` looks like.

```
.text, #text, p{  
    color:rgb(137, 170, 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, 170, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 170, 230) }
```

Border

The CSS property to change the border of an element to YUV 166.9730, 31.0723, -26.2863 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, 170, 230) }
```


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

```
.border{ border-color:rgb(137, 170, 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, 170, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 170, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 170, 230);  
box-shadow:4px 4px 4px 4px rgb(137, 170,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 166.9730, 31.0723, -26.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 170, 230) }
```

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

```
.background{ background-color: rgb(137,  
170, 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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