

Converting Colors

YUV(137.9630, 29.5982,
-20.1386)

Have a look what the booklet for
YUV(137.9630, 29.5982, -20.1386)
contains.

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Color

**YUV(137.9630, 29.5982,
-20.1386)**

Conversions

Conversions Part 1

Format	Color
Hex	738AC6
RGB	115, 138, 198
RGB Percent	45%, 54%, 78%
CMY	0.5490, 0.4588, 0.2235
CMYK	0.42, 0.30, 0.00, 0.22
HSL	223°, 42%, 61%
HSV	223°, 42%, 78%
XYZ	26.3518, 25.8990, 57.0362
YIQ	137.9630, -32.9680, 13.7840

Conversions

Conversions Part 2

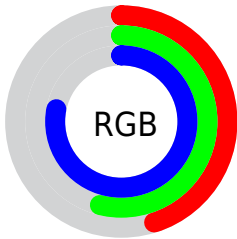
Format	Color
R _Y B	115, 133, 198
Decimal	7572166
CIE Lab	57.94, 7.32, -33.74
CIE LCh	58, 34.523, 282.242
Yxy	25.8990, 0.2411, 0.2370
Android (android.graphics.Color)	4285762246 (0xFF738AC6)
YUV	137.9630, 29.5982, -20.1386
Hunter-Lab	50.8911, 3.3692, -30.8256

Details

The YUV color **137.9630, 29.5982, -20.1386** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175.0370, -29.5982, 20.1386**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0170, 31.0506, -19.3089**, and **86.3110, 28.4407, -22.1977** is the 20% darker color. If you saturate the color by 10%, you get **123.7650, 36.5979, -25.2269**, and if you desaturate by 10%, it is **152.1610, 22.5986, -15.0502**.

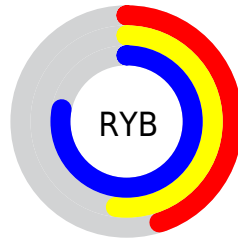
Distribution



Red (45%)

Green (54%)

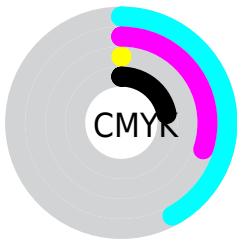
Blue (78%)



Red (45%)

Yellow (52%)

Blue (78%)

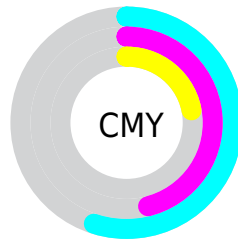


Cyan (42%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9630, 29.5982, -20.1386 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 137.9630, 29.5982, -20.1386 by changing the saturation by 10% instead.

■ 137.9630, 29.5982,
-20.1386

■ 137.9630, 29.5982,
-20.1386

■ 255.0000, 0.0000,
0.0000

■ 112.1370, 29.0195,
-21.1681

■ 192.0170, 31.0506,
-19.3089

■ 86.3110, 28.4407,
-22.1977

■ 216.8250, 18.8203,
-16.5095

■ 61.4740, 27.8673,
-24.9717

■ 241.9320, 6.4425,
-13.0954

■ 36.4300, 27.8890,
-31.9491

■ 21.9540, 23.1937,
-19.2537

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 137.9630, 29.5982,
-20.1386

■ 137.9630, 29.5982,
-20.1386

■ 123.7650, 36.5979,
-25.2269

■ 152.1610, 22.5986,
-15.0502

■ 108.9800, 43.8869,
-29.8005

■ 166.9460, 15.3096,
-10.4766

■ 95.0810, 50.7391,
-34.2740

■ 180.8450, 8.4574,
-6.0031

■ 80.8830, 57.7387,
-39.3624

■ 195.0430, 1.4578,
-0.9147

■ 66.0980, 65.0277,
-43.9359

■ 209.8280, -5.8312,
3.6588

■ 54.8570, 70.5695,
-48.1096

■ 224.0260,
-12.8308, 8.7472

■ 238.2240,
-19.8304, 13.8356

■ 247.3280,
-24.3187, 6.7283

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



126.2740, 34.3749, -58.9993



137.9630, 29.5982, -20.1386



142.7670, 20.3279, 13.3593

Triad

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



137.9630, 29.5982, -20.1386



140.1340, -19.7861, 46.3635



126.2040, -3.0586, -45.7829

Complementary

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



137.9630, 29.5982, -20.1386



175.0370, -29.5982, 20.1386

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.



131.8520, -19.1540, -16.5332



137.9630, 29.5982, -20.1386



138.2710, -27.7416, 31.3343

Square

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



137.9630, 29.5982, -20.1386



141.8860, -6.8458, 49.2120



135.7260, -27.9659, 9.8873



113.5810, 18.4476, -83.8245

Rectangle

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



137.9630, 29.5982, -20.1386



143.1130, 12.2693, 31.4729



135.7260, -27.9659, 9.8873



128.6630, -9.2009, -35.6615

Sweetspot

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



137.9630, 29.5982, -20.1386



231.0450, 11.8098, -7.9325



170.4470, 1.7516, -48.6270



112.9160, 7.4364, -5.1883



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.



137.9630, 29.5982, -20.1386



163.0230, 45.3447, -30.7152



129.8440, 33.6009, 2.7678



92.2000, 3.3524, -1.9294



44.9970, 58.1755, -39.4624



9.9740, 12.8308, -8.7472

Inverse Universe

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



142.4390, -2.1884, 48.7270



169.9630, -3.4328, 74.5774



183.1560, -33.6009, -2.7678



92.9190, -0.4531, 5.3330



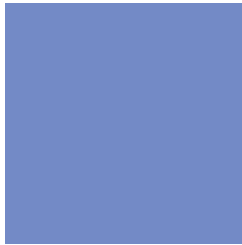
53.8670, -4.3714, 95.7096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 137.9630, 29.5982, -20.1386 looks on a white background.

Color Contrast Check

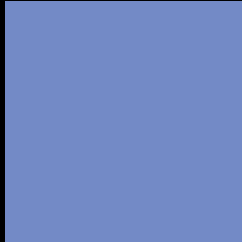
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9630, 29.5982, -20.1386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

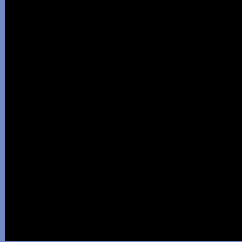
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.9630, 29.5982, -20.1386

Background



This preview shows how black text looks on a background with the YUV color 137.9630, 29.5982, -20.1386.

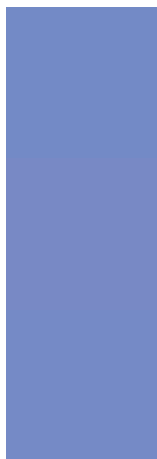


This preview shows how white text looks on a background with the YUV color 137.9630, 29.5982, -20.1386.

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

137.9630, 29.5982, -20.1386

Protanopia

138.7570, 28.7138, -16.4499

Deuteranopia

138.5610, 29.3034, -18.9090



Tritanopia

134.8100, 11.4327, -27.0204

Trichromacy



Original Color

137.9630, 29.5982, -20.1386

Protanomaly

138.1590, 29.0086, -17.6794

Deuteranomaly

138.2620, 29.4508, -19.5238

Tritanomaly

135.9550, 18.2632, -24.5165

Monochromacy



Original Color

137.9630, 29.5982, -20.1386

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1160, 10.7888, -7.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9630, 29.5982, -20.1386 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(115, 138, 198)` looks like.

```
.text, #text, p{  
    color:rgb(115, 138, 198)  
}
```

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(115, 138, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 138, 198) }
```

Border

The CSS property to change the border of an element to YUV 137.9630, 29.5982, -20.1386 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

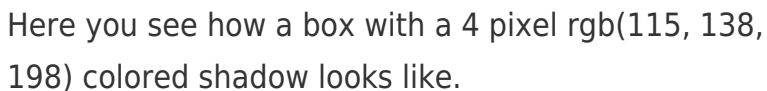
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 138, 198) }
```


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

```
.border{ border-color:rgb(115, 138, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 138, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 138, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 138, 198);  
box-shadow:4px 4px 4px 4px rgb(115, 138,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 137.9630, 29.5982, -20.1386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 138, 198) }
```

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

```
.background{ background-color: rgb(115,  
138, 198) }
```

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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