

Converting Colors

YUV(138.7940, 29.1886,
-28.7603)

Have a look what the booklet for
YUV(138.7940, 29.1886, -28.7603)
contains.

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Color

**YUV(138.7940, 29.1886,
-28.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	6A90C6
RGB	106, 144, 198
RGB Percent	42%, 56%, 78%
CMY	0.5843, 0.4353, 0.2235
CMYK	0.46, 0.27, 0.00, 0.22
HSL	215°, 45%, 60%
HSV	215°, 46%, 78%
XYZ	26.1102, 27.0879, 57.2784
YIQ	138.7940, -39.9820, 8.7380

Conversions

Conversions Part 2

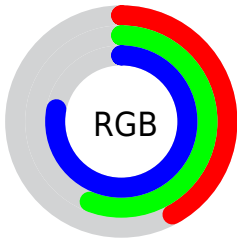
Format	Color
RYB	106, 133, 198
Decimal	6983878
CIELab	59.06, 1.52, -32.04
CIElCh	59, 32.081, 272.711
Yxy	27.0879, 0.2363, 0.2452
Android (android.graphics.Color)	4285173958 (0xFF6A90C6)
YUV	138.7940, 29.1886, -28.7603
Hunter-Lab	52.0460, -1.5317, -28.8184

Details

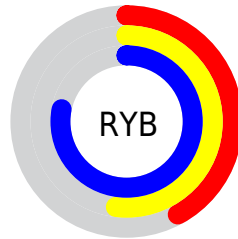
The YUV color **138.7940, 29.1886, -28.7603** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **165.2060, -29.1886, 28.7603**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4350, 30.3515, -28.4455**, and **86.5440, 28.3258, -32.0491** is the 20% darker color. If you saturate the color by 10%, you get **125.7700, 35.6094, -34.8783**, and if you desaturate by 10%, it is **151.8180, 22.7677, -22.6424**.

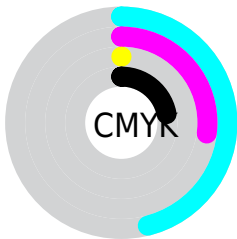
Distribution



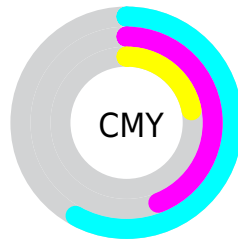
- Red (42%)
- Green (56%)
- Blue (78%)



- Red (42%)
- Yellow (52%)
- Blue (78%)



- Cyan (46%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.7940, 29.1886, -28.7603 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 138.7940, 29.1886, -28.7603 by changing the saturation by 10% instead.

■ 138.7940, 29.1886,
-28.7603

■ 138.7940, 29.1886,
-28.7603

255.0000, 0.0000,
0.0000

■ 112.3810, 28.8992,
-29.2751

■ 193.4350, 30.3515,
-28.4455

■ 86.5440, 28.3258,
-32.0491

■ 218.2430, 18.1212,
-25.6461

■ 59.9130, 28.6369,
-38.5117

■ 243.3500, 5.7435,
-22.2319

■ 38.7780, 26.7314,
-34.0083

■ 252.9070, 1.0318,
-4.3034

■ 24.3020, 22.0361,
-21.3129

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 138.7940, 29.1886,
-28.7603

■ 138.7940, 29.1886,
-28.7603

■ 125.7700, 35.6094,
-34.8783

■ 151.8180, 22.7677,
-22.6424

■ 113.3330, 41.7408,
-41.5110

■ 164.2550, 16.6363,
-16.0096

■ 100.6080, 48.0143,
-47.0142

■ 176.9800, 10.3629,
-10.5065

■ 88.1710, 54.1457,
-53.6470

■ 189.4170, 4.2314,
-3.8737

■ 75.1470, 60.5665,
-59.7649

■ 202.4410, -2.1894,
2.2442

■ 70.7060, 62.7559,
-62.0092

■ 215.4650, -8.6102,
8.3622

■ 227.9020,
-14.7417, 14.9949

■ 237.9360,
-19.6884, 14.9651

■ 244.9800,
-23.1611, 8.7875

Harmonies

Analogous

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



128.3400, 30.8914, -61.6882



138.7940, 29.1886, -28.7603



144.7550, 21.8128, 3.7229

Triad

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



138.7940, 29.1886, -28.7603



143.6870, -15.1287, 45.8785



132.5000, -8.6275, -32.8875

Complementary

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



138.7940, 29.1886, -28.7603



165.2060, -29.1886, 28.7603

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.



136.7500, -21.0757, -6.7968



138.7940, 29.1886, -28.7603



142.5040, -24.4055, 34.6380

Square

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



138.7940, 29.1886, -28.7603



145.1180, -2.0302, 44.6235



139.6990, -26.9666, 16.0500



125.6180, 9.0623, -60.1780

Rectangle

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



138.7940, 29.1886, -28.7603



145.8560, 15.3540, 22.0513



139.6990, -26.9666, 16.0500



133.7030, -13.1646, -24.2955

Sweetspot

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



138.7940, 29.1886, -28.7603



231.9090, 11.3839, -11.3212



166.1600, -3.0369, -52.7603



113.7910, 7.0050, -6.8327



0.0000, 0.0000, 0.0000



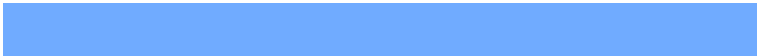
128.0000, 0.0000, 0.0000

Same Dimension

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



138.7940, 29.1886, -28.7603



162.9350, 45.3880, -44.6700



118.8800, 39.0062, -4.2798



93.3740, 2.7736, -2.9590



57.9110, 51.8089, -50.7879



12.9090, 11.3839, -11.3212

Inverse Universe

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



137.8400, 3.0369, 52.7603



161.4830, 4.6919, 82.0144



185.1200, -39.0062, 4.2798



93.1470, 0.4205, 5.1331



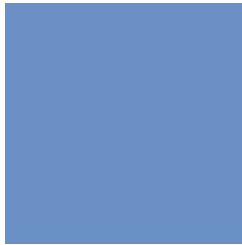
56.3750, 5.2381, 93.5101



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 138.7940, 29.1886, -28.7603 looks on a white background.

Color Contrast Check

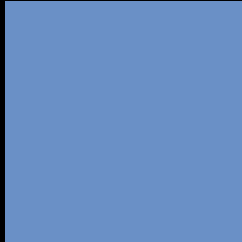
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7940, 29.1886, -28.7603 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 138.7940, 29.1886, -28.7603

Background



This preview shows how black text looks on a background with the YUV color 138.7940, 29.1886, -28.7603.



This preview shows how white text looks on a background with the YUV color 138.7940, 29.1886, -28.7603.

-28.7603.

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

138.7940, 29.1886, -28.7603

Protanopia

141.7850, 26.2350, -14.7204

Deuteranopia

141.3440, 28.4244, -16.9647



Tritanopia

135.9230, 13.3490, -35.0125

Trichromacy



Original Color

138.7940, 29.1886, -28.7603

Protanomaly

140.3930, 27.4143, -19.6387

Deuteranomaly

140.1370, 29.0195, -21.1681

Tritanomaly

136.8400, 19.3059, -32.3087

Monochromacy



Original Color

138.7940, 29.1886, -28.7603

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9800, 10.3629, -10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7940, 29.1886, -28.7603 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, 144, 198)` looks like.

```
.text, #text, p{  
    color:rgb(106, 144, 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(106, 144, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 144, 198) }
```

Border

The CSS property to change the border of an element to YUV 138.7940, 29.1886, -28.7603 is called "border".

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

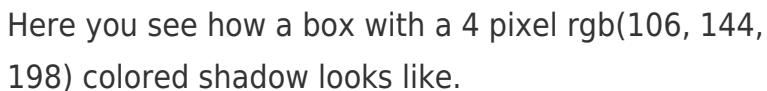
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 144, 198) }
```


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

```
.border{ border-color:rgb(106, 144, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 144, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 144, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 144, 198);  
box-shadow:4px 4px 4px 4px rgb(106, 144,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 138.7940, 29.1886, -28.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 144, 198) }
```

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

```
.background{ background-color: rgb(106,  
144, 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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