

Converting Colors

YUV(147.7190, 26.2675,
-25.1866)

Have a look what the booklet for
YUV(147.7190, 26.2675, -25.1866)
contains.

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Color

**YUV(147.7190, 26.2675,
-25.1866)**

Conversions

Conversions Part 1

Format	Color
Hex	7798C9
RGB	119, 152, 201
RGB Percent	47%, 60%, 79%
CMY	0.5333, 0.4039, 0.2118
CMYK	0.41, 0.24, 0.00, 0.21
HSL	216°, 43%, 63%
HSV	216°, 41%, 79%
XYZ	29.3786, 30.5955, 59.6154
YIQ	147.7190, -35.3970, 8.2430

Conversions

Conversions Part 2

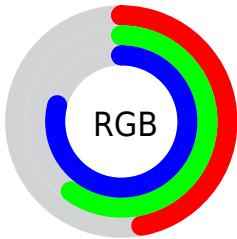
Format	Color
RYB	119, 143, 201
Decimal	7837897
CIELab	62.16, 1.15, -28.85
CIElCh	62, 28.874, 272.281
Yxy	30.5955, 0.2457, 0.2558
Android (android.graphics.Color)	4286027977 (0xFF7798C9)
YUV	147.7190, 26.2675, -25.1866
Hunter-Lab	55.3132, -1.9909, -25.1824

Details

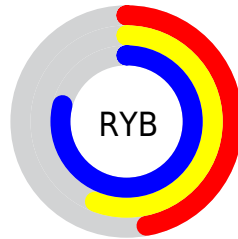
The YUV color $147.7190, 26.2675, -25.1866$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $172.2810, -26.2675, 25.1866$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $202.0180, 26.1201, -24.5718$, and $95.7790, 25.2520, -26.1162$ is the 20% darker color. If you saturate the color by 10%, you get $134.6950, 32.6884, -31.3045$, and if you desaturate by 10%, it is $160.7430, 19.8467, -19.0686$.

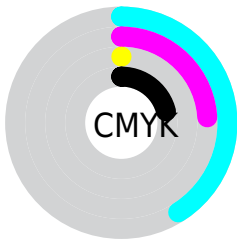
Distribution



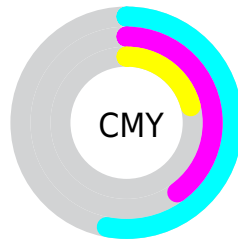
- Red (47%)
- Green (60%)
- Blue (79%)



- Red (47%)
- Yellow (56%)
- Blue (79%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7190, 26.2675, -25.1866 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 147.7190, 26.2675, -25.1866 by changing the saturation by 10% instead.

■ 147.7190, 26.2675,
-25.1866

■ 147.7190, 26.2675,
-25.1866

■ 255.0000, 0.0000,
0.0000

■ 121.3060, 25.9781,
-25.7014

■ 202.0180, 26.1201,
-24.5718

■ 95.7790, 25.2520,
-26.1162

■ 226.8260, 13.8898,
-21.7724

■ 70.3550, 24.9680,
-28.3753

■ 247.8240, 3.5378,
-14.7546

■ 43.2290, 26.0161,
-37.9118

■ 28.1660, 21.6102,
-24.7016

■ 12.0430, 18.2198,
-10.5617

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 147.7190, 26.2675,
-25.1866

■ 147.7190, 26.2675,
-25.1866

■ 134.6950, 32.6884,
-31.3045

■ 160.7430, 19.8467,
-19.0686

■ 121.6710, 39.1092,
-37.4225

■ 173.7670, 13.4259,
-12.9507

■ 108.6470, 45.5300,
-43.5404

■ 186.7910, 7.0050,
-6.8327

■ 95.6230, 51.9509,
-49.6584

■ 199.8150, 0.5842,
-0.7148

■ 82.3000, 58.5191,
-56.3911

■ 213.1380, -5.9840,
6.0180

■ 70.4610, 64.3557,
-61.7943

■ 226.1620,
-12.4049, 12.1359

■ 237.6910,
-18.0887, 15.1800

■ 244.7350,
-21.5614, 9.0024

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



140.0810, 27.0751, -50.9370



147.7190, 26.2675, -25.1866



152.5870, 19.9236, 2.9932

Triad

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



147.7190, 26.2675, -25.1866



152.0070, -13.8075, 42.0899



142.0490, -7.9122, -28.9840

Complementary

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



147.7190, 26.2675, -25.1866



172.2810, -26.2675, 25.1866

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.



145.8040, -19.6234, -5.9671



147.7190, 26.2675, -25.1866



151.0630, -22.2161, 32.3937

Square

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



147.7190, 26.2675, -25.1866



153.3840, -2.1613, 40.0052



148.3830, -24.3458, 15.4501



137.4020, 6.7038, -50.3416

Rectangle

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



147.7190, 26.2675, -25.1866



153.7910, 13.9070, 19.4773



148.3830, -24.3458, 15.4501



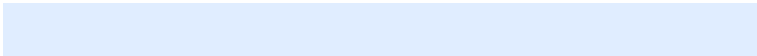
143.5400, -12.5912, -21.5216

Sweetspot

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



147.7190, 26.2675, -25.1866



235.1650, 9.7787, -9.7917



172.6060, -2.7638, -47.0125



116.1610, 5.8366, -5.4032



0.0000, 0.0000, 0.0000



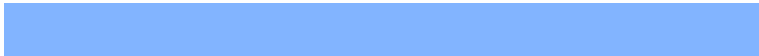
128.0000, 0.0000, 0.0000

Same Dimension

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



147.7190, 26.2675, -25.1866



173.6000, 40.1302, -38.2372



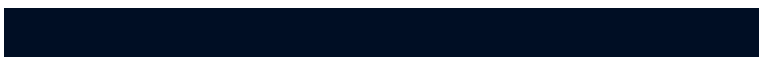
130.4410, 34.7856, -3.8948



93.3740, 2.7736, -2.9590



57.3240, 52.0983, -50.2731



12.3220, 11.6733, -10.8064

Inverse Universe

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



147.2800, 2.3270, 47.1124



173.0750, 3.4140, 71.8482



189.5590, -34.7856, 3.8948



93.1470, 0.4205, 5.1331



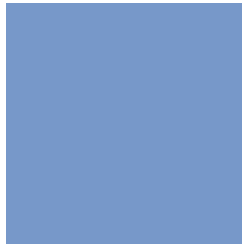
56.2610, 4.8013, 93.6101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 147.7190, 26.2675, -25.1866 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 147.7190, 26.2675, -25.1866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

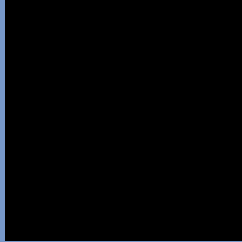
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

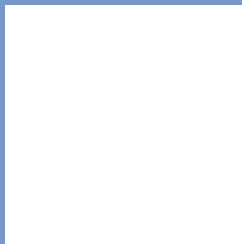
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.7190, 26.2675, -25.1866

Background



This preview shows how black text looks on a background with the YUV color 147.7190, 26.2675, -25.1866.



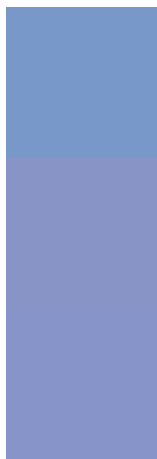
This preview shows how white text looks on a background with the YUV color 147.7190, 26.2675, -25.1866.

-25.1866.

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

147.7190, 26.2675, -25.1866

Protanopia

150.1120, 23.6088, -12.3762

Deuteranopia

150.2690, 25.5034, -13.3909



Tritanopia

145.3150, 12.1697, -30.0943

Trichromacy



Original Color

147.7190, 26.2675, -25.1866

Protanomaly

149.0190, 24.6406, -16.6797

Deuteranomaly

149.0620, 26.0984, -17.5944

Tritanomaly

146.2920, 17.1110, -28.3201

Monochromacy



Original Color

147.7190, 26.2675, -25.1866

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.4640, 9.6312, -9.1769

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7190, 26.2675, -25.1866 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(119, 152, 201)` looks like.

```
.text, #text, p{  
    color:rgb(119, 152, 201)  
}
```

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(119, 152, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 152, 201) }
```

Border

The CSS property to change the border of an element to YUV 147.7190, 26.2675, -25.1866 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(119, 152, 201) }
```


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

```
.border{ border-color:rgb(119, 152, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 152, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 152, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 152, 201);  
box-shadow:4px 4px 4px 4px rgb(119, 152,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 147.7190, 26.2675, -25.1866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 152, 201) }
```

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

```
.background{ background-color: rgb(119,  
152, 201) }
```

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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