

Converting Colors

YUV(142.1190, 19.6613,
-6.2434)

Have a look what the booklet for
YUV(142.1190, 19.6613, -6.2434)
contains.

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Color

**YUV(142.1190, 19.6613,
-6.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	878AB6
RGB	135, 138, 182
RGB Percent	53%, 54%, 71%
CMY	0.4706, 0.4588, 0.2863
CMYK	0.26, 0.24, 0.00, 0.29
HSL	236°, 24%, 62%
HSV	236°, 26%, 71%
XYZ	27.5236, 26.7053, 47.9599
YIQ	142.1190, -15.9120, 13.0480

Conversions

Conversions Part 2

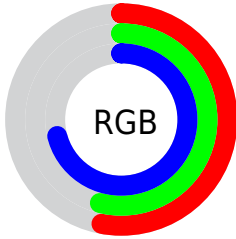
Format	Color
RYB	135, 138, 182
Decimal	8882870
CIELab	58.70, 8.81, -23.38
CIELCh	59, 24.984, 290.649
Yxy	26.7053, 0.2693, 0.2613
Android (android.graphics.Color)	4287072950 (0xFF878AB6)
YUV	142.1190, 19.6613, -6.2434
Hunter-Lab	51.6771, 4.6356, -18.8512

Details

The YUV color $142.1190, 19.6613, -6.2434$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $174.8810, -19.6613, 6.2434$, and the grayscale version is $142.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $195.7600, 20.8243, -5.9285$, and $91.4780, 18.4983, -6.5582$ is the 20% darker color. If you saturate the color by 10%, you get $126.7580, 27.2343, -8.5578$, and if you desaturate by 10%, it is $157.4800, 12.0884, -3.9290$.

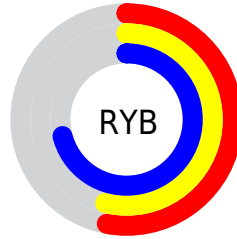
Distribution



Red (53%)

Green (54%)

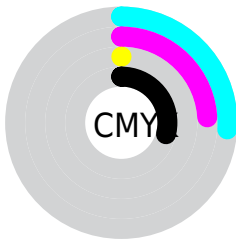
Blue (71%)



Red (53%)

Yellow (54%)

Blue (71%)

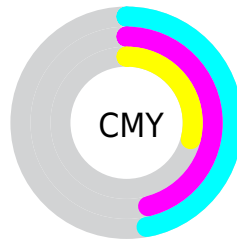


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1190, 19.6613, -6.2434 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 142.1190, 19.6613, -6.2434 by changing the saturation by 10% instead.

■ 142.1190, 19.6613,
-6.2434

■ 142.1190, 19.6613,
-6.2434

■ 255.0000, 0.0000,
0.0000

■ 116.5920, 18.9351,
-6.6582

■ 195.7600, 20.8243,
-5.9285

■ 91.4780, 18.4983,
-6.5582

■ 222.5060, 16.0195,
-4.8288

■ 67.9510, 17.7722,
-6.9730

■ 248.2000, 3.3524,
-1.9294

■ 45.0110, 16.7566,
-7.9026

■ 23.1740, 16.1832,
-10.6766

■ 3.9900, 15.2879,
-3.4992

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 142.1190, 19.6613,
-6.2434

■ 142.1190, 19.6613,
-6.2434

■ 126.7580, 27.2343,
-8.5578

■ 157.4800, 12.0884,
-3.9290

■ 111.3970, 34.8073,
-10.8722

■ 172.8410, 4.5154,
-1.6146

■ 95.7370, 42.5277,
-13.8013

■ 188.5010, -3.2050,
1.3146

■ 80.3760, 50.1006,
-16.1158

■ 203.8620,
-10.7780, 3.6290

■ 65.0150, 57.6736,
-18.4302

■ 219.2230,
-18.3509, 5.9434

■ 49.6540, 65.2466,
-20.7446

■ 234.5840,
-25.9239, 8.2578

■ 34.2930, 72.8196,
-23.0590

■ 246.6780,
-31.8863, 7.2984

■ 27.7920, 76.0245,
-24.3736

Harmonies

Analogous

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



136.8880, 23.2262, -29.7198



142.1190, 19.6613, -6.2434



144.9000, 11.8813, 15.8737

Triad

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



142.1190, 19.6613, -6.2434



142.1430, -16.8325, 32.3236



132.1820, 0.4033, -36.1166

Complementary

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



142.1190, 19.6613, -6.2434



174.8810, -19.6613, 6.2434

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.



135.6160, -11.1497, -17.2032



142.1190, 19.6613, -6.2434



140.3280, -20.8677, 19.8833

Square

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



142.1190, 19.6613, -6.2434



143.7550, -8.2602, 36.1719



138.6740, -19.0663, 2.0399



129.7210, 12.9555, -48.8673

Rectangle

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



142.1190, 19.6613, -6.2434



144.9570, 5.4442, 27.2247



138.6740, -19.0663, 2.0399



133.1890, -3.5442, -29.9838

Sweetspot

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



142.1190, 19.6613, -6.2434



220.7530, 8.0098, -2.4144



167.6050, 5.6177, -28.5946



109.9550, 4.9522, -1.7145



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



142.1190, 19.6613, -6.2434



174.6700, 30.7287, -9.3576



146.3380, 17.5814, 7.5966



84.0260, 3.9312, -0.8998



23.6540, 65.2466, -20.7446



4.3660, 11.6516, -3.8290

Inverse Universe

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



149.3950, -5.6177, 28.5946



186.2830, -9.0135, 44.4788



170.6620, -17.5814, -7.5966



85.6910, -1.3267, 5.5330



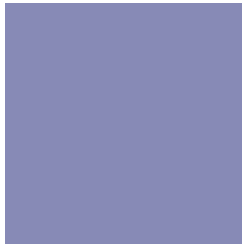
47.7840, -18.6275, 94.9054



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 142.1190, 19.6613, -6.2434 looks on a white background.

Color Contrast Check

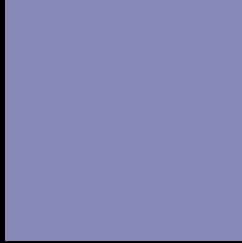
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.1190, 19.6613, -6.2434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

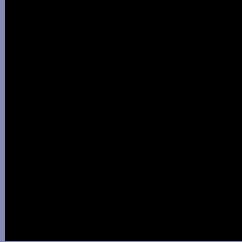
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.1190, 19.6613, -6.2434

Background



This preview shows how black text looks on a background with the YUV color 142.1190, 19.6613, -6.2434.



This preview shows how white text looks on a background with the YUV color 142.1190, 19.6613, -6.2434.

-6.2434.

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

142.1190, 19.6613, -6.2434

Protanopia

141.3250, 20.5458, -9.9320

Deuteranopia

142.1080, 19.6668, -7.9877



Tritanopia

140.3670, 6.7211, -9.0919

Trichromacy



Original Color

142.1190, 19.6613, -6.2434

Protanomaly

141.9230, 20.2510, -8.7025

Deuteranomaly

142.4070, 19.5193, -7.3729

Tritanomaly

140.9310, 11.3730, -7.8325

Monochromacy



Original Color

142.1190, 19.6613, -6.2434

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1190, 19.6613, -6.2434 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(135, 138, 182)` looks like.

```
.text, #text, p{  
    color:rgb(135, 138, 182)  
}
```

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(135, 138, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 138, 182) }
```

Border

The CSS property to change the border of an element to YUV 142.1190, 19.6613, -6.2434 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(135, 138, 182) }
```


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

```
.border{ border-color:rgb(135, 138, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 138, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 138, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 138, 182);  
box-shadow:4px 4px 4px 4px rgb(135, 138,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 142.1190, 19.6613, -6.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 138, 182) }
```

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

```
.background{ background-color: rgb(135,  
138, 182) }
```

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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