

Converting Colors

YUV(132.7040, 42.5439,
-19.0344)

Have a look what the booklet for
YUV(132.7040, 42.5439, -19.0344)
contains.

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Color

**YUV(132.7040, 42.5439,
-19.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7FDB
RGB	111, 127, 219
RGB Percent	44%, 50%, 86%
CMY	0.5647, 0.5020, 0.1412
CMYK	0.49, 0.42, 0.00, 0.14
HSL	231°, 60%, 65%
HSV	231°, 49%, 86%
XYZ	26.9311, 23.6727, 70.1677
YIQ	132.7040, -39.0680, 25.2200

Conversions

Conversions Part 2

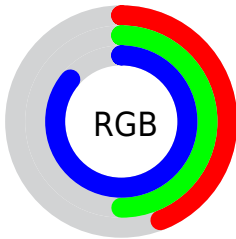
Format	Color
R_{YB}	111, 125, 219
Decimal	7307227
CIE _{Lab}	55.76, 19.10, -49.03
CIE _{LCh}	56, 52.619, 291.283
Yxy	23.6727, 0.2230, 0.1960
Android (android.graphics.Color)	4285497307 (0xFF6F7FDB)
YUV	132.7040, 42.5439, -19.0344
Hunter-Lab	48.6546, 13.6570, -51.4474

Details

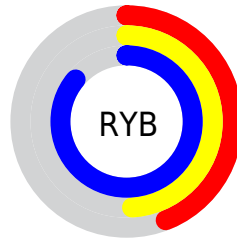
The YUV color **132.7040, 42.5439, -19.0344** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **197.2960, -42.5439, 19.0344**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9620, 34.5287, -14.8757**, and **79.9160, 40.9604, -24.4823** is the 20% darker color. If you saturate the color by 10%, you get **114.9730, 51.2853, -22.7783**, and if you desaturate by 10%, it is **150.4350, 33.8025, -15.2905**.

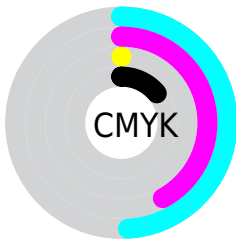
Distribution



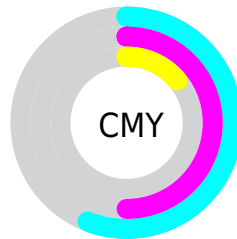
- Red (44%)
- Green (50%)
- Blue (86%)



- Red (44%)
- Yellow (49%)
- Blue (86%)



- Cyan (49%)
- Magenta (42%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (50%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.7040, 42.5439, -19.0344 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 132.7040, 42.5439, -19.0344 by changing the saturation by 10% instead.

■ 132.7040, 42.5439,
-19.0344

■ 132.7040, 42.5439,
-19.0344

255.0000, 0.0000,
0.0000

■ 106.1660, 41.8232,
-21.1936

■ 184.9620, 34.5287,
-14.8757

■ 79.9160, 40.9604,
-24.4823

■ 209.4820, 22.4404,
-10.9467

■ 50.8820, 42.4562,
-37.6075

■ 234.5890, 10.0626,
-7.5326

■ 33.1990, 38.3559,
-29.1155

■ 19.1960, 32.9344,
-16.8349

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 132.7040, 42.5439,
-19.0344

■ 132.7040, 42.5439,
-19.0344

■ 114.9730, 51.2853,
-22.7783

■ 150.4350, 33.8025,
-15.2905

■ 97.8290, 59.7373,
-27.0370

■ 167.5790, 25.3506,
-11.0318

■ 80.0980, 68.4787,
-30.7809

■ 185.3100, 16.6092,
-7.2879

■ 62.3670, 77.2201,
-34.5249

■ 203.0410, 7.8678,
-3.5440

■ 45.5220, 85.5247,
-38.1688

■ 219.8860, -0.4368,
0.1000

■ 43.7500, 86.3983,
-38.3687

■ 237.6170, -9.1782,
3.8439

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



109.4770, 56.4598, -96.0113



132.7040, 42.5439, -19.0344



137.7940, 26.2306, 33.5067

Triad

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



132.7040, 42.5439, -19.0344



131.2640, -33.6542, 61.1585



104.4370, 6.6866, -91.5912

Complementary

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



132.7040, 42.5439, -19.0344



197.2960, -42.5439, 19.0344

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.



117.4160, -21.4041, -41.5838



132.7040, 42.5439, -19.0344



129.2980, -45.5029, 34.8187

Square

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



132.7040, 42.5439, -19.0344



131.8030, -14.1999, 74.7178



125.1150, -41.4687, 0.7761



110.3820, 26.9267, -96.8050

Rectangle

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



132.7040, 42.5439, -19.0344



136.0330, 13.7877, 57.8531



125.1150, -41.4687, 0.7761



102.1400, 0.4240, -89.5768

Sweetspot

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



132.7040, 42.5439, -19.0344



224.2670, 15.1514, -6.3732



184.8840, 8.9312, -64.7963



109.3830, 9.1782, -3.8439



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.



132.7040, 42.5439, -19.0344



135.0140, 59.1531, -26.3223



134.6740, 41.5727, 12.5639



100.8410, 4.5154, -1.6146



34.9840, 68.0419, -30.6810



9.3530, 18.0670, -8.2026

Inverse Universe

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



145.1160, -8.9312, 64.7963



152.3580, -12.5015, 90.0170



195.3260, -41.5727, -12.5639



102.4030, -1.1847, 6.6626



54.6910, -14.1447, 103.7570



14.5520, -3.7231, 27.5799

Previews

White Background



This preview shows how the YUV color 132.7040, 42.5439, -19.0344 looks on a white background.

Color Contrast Check

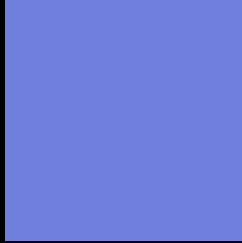
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7040, 42.5439, -19.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

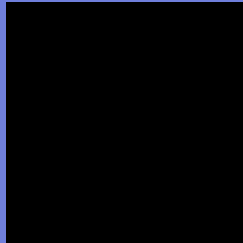
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.7040, 42.5439, -19.0344

Background



This preview shows how black text looks on a background with the YUV color 132.7040, 42.5439, -19.0344.



This preview shows how white text looks on a background with the YUV color 132.7040, 42.5439, -19.0344.

-19.0344.

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

132.7040, 42.5439, -19.0344

Protanopia

130.0230, 45.3447, -30.7152

Deuteranopia

127.6150, 44.0668, -40.8814



Tritanopia

127.4180, 12.6119, -31.9386

Trichromacy



Original Color

132.7040, 42.5439, -19.0344

Protanomaly

131.1160, 44.3128, -26.4117

Deuteranomaly

129.2570, 43.7503, -32.6744

Tritanomaly

129.3120, 23.5102, -27.4606

Monochromacy



Original Color

132.7040, 42.5439, -19.0344

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9680, 15.2988, -6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7040, 42.5439, -19.0344 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(111, 127, 219)` looks like.

```
.text, #text, p{  
    color:rgb(111, 127, 219)  
}
```

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(111, 127, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 127, 219) }
```

Border

The CSS property to change the border of an element to YUV 132.7040, 42.5439, -19.0344 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(111, 127, 219) }
```


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

```
.border{ border-color:rgb(111, 127, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 127, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 127, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 127, 219);  
box-shadow:4px 4px 4px 4px rgb(111, 127,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 132.7040, 42.5439, -19.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 127, 219) }
```

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

```
.background{ background-color: rgb(111,  
127, 219) }
```

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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