

Converting Colors

YUV(132.6250, 48.9919,
-33.8741)

Have a look what the booklet for
YUV(132.6250, 48.9919, -33.8741)
contains.

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Color

**YUV(132.6250, 48.9919,
-33.8741)**

Conversions

Conversions Part 1

Format	Color
Hex	5E85E8
RGB	94, 133, 232
RGB Percent	37%, 52%, 91%
CMY	0.6314, 0.4784, 0.0902
CMYK	0.59, 0.43, 0.00, 0.09
HSL	223°, 75%, 64%
HSV	223°, 59%, 91%
XYZ	27.5691, 24.9809, 79.7127
YIQ	132.6250, -55.0230, 22.5210

Conversions

Conversions Part 2

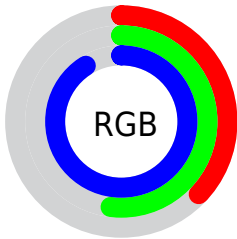
Format	Color
R _Y B	94, 124, 232
Decimal	6194664
CIE Lab	57.06, 16.08, -54.29
CIE LCh	57, 56.625, 286.495
Yxy	24.9809, 0.2084, 0.1889
Android (android.graphics.Color)	4284384744 (0xFF5E85E8)
YUV	132.6250, 48.9919, -33.8741
Hunter-Lab	49.9809, 10.9926, -59.5727

Details

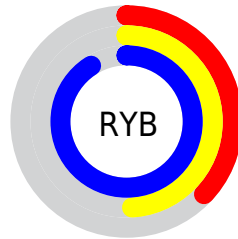
The YUV color **132.6250, 48.9919, -33.8741** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **193.3750, -48.9919, 33.8741**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2980, 34.8561, -26.5713**, and **73.2590, 50.6513, -52.8471** is the 20% darker color. If you saturate the color by 10%, you get **115.7690, 57.3019, -39.2624**, and if you desaturate by 10%, it is **149.4810, 40.6819, -28.4858**.

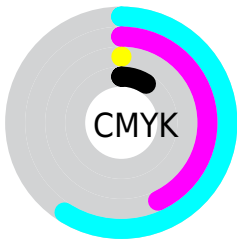
Distribution



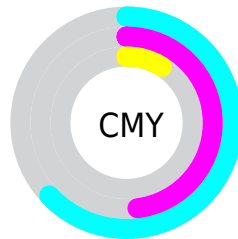
- Red (37%)
- Green (52%)
- Blue (91%)



- Red (37%)
- Yellow (49%)
- Blue (91%)



- Cyan (59%)
- Magenta (43%)
- Yellow (0%)
- Black (9%)



- Cyan (63%)
- Magenta (48%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.6250, 48.9919, -33.8741 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 132.6250, 48.9919, -33.8741 by changing the saturation by 10% instead.

■ 132.6250, 48.9919,
-33.8741

■ 132.6250, 48.9919,
-33.8741

255.0000, 0.0000,
0.0000

■ 104.8910, 48.8607,
-38.4924

■ 184.2980, 34.8561,
-26.5713

■ 73.2590, 50.6513,
-52.8471

■ 209.1170, 22.6203,
-22.0276

■ 53.3800, 47.1407,
-46.8143

■ 235.1100, 9.8058,
-18.5135

■ 37.9750, 41.4243,
-33.3041

■ 251.7110, 1.6215,
-6.7625

■ 23.9720, 36.0028,
-21.0234

■ 11.7300, 29.7131,
-10.2872

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 132.6250, 48.9919,
-33.8741

■ 132.6250, 48.9919,
-33.8741

■ 115.7690, 57.3019,
-39.2624

■ 149.4810, 40.6819,
-28.4858

■ 99.5000, 65.3225,
-45.1655

■ 165.7500, 32.6613,
-22.5828

■ 82.3450, 73.7799,
-51.1686

■ 182.9050, 24.2038,
-16.5797

■ 65.4890, 82.0899,
-56.5569

■ 199.7610, 15.8938,
-11.1914

■ 65.1900, 82.2373,
-57.1716

■ 216.0300, 7.8732,
-5.2883

■ 232.8860, -0.4368,
0.1000

■ 249.4430, -8.5994,
4.8735

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



114.0250, 58.6547, -99.9999



132.6250, 48.9919, -33.8741



141.1400, 31.4830, 28.8182

Triad

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



132.6250, 48.9919, -33.8741



133.5470, -32.8077, 69.6803



106.1010, 2.9082, -93.0506

Complementary

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



132.6250, 48.9919, -33.8741



193.3750, -48.9919, 33.8741

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.



121.4290, -27.8195, -37.2102



132.6250, 48.9919, -33.8741



131.8430, -48.7296, 43.1107

Square

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



132.6250, 48.9919, -33.8741



134.0580, -10.8746, 81.5101



128.3240, -48.4737, 7.6089



113.2030, 25.0429, -99.2790

Rectangle

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



132.6250, 48.9919, -33.8741



139.5860, 18.4451, 57.3681



128.3240, -48.4737, 7.6089



103.5760, -4.2280, -90.8362

Sweetspot

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



132.6250, 48.9919, -33.8741



221.8750, 16.3306, -11.2914



186.2920, 3.3070, -80.9401



107.0020, 10.3520, -7.0178



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.



132.6250, 48.9919, -33.8741



124.5710, 64.3015, -44.3508



118.7020, 55.8559, 4.6463



106.7160, 4.0840, -3.2589



49.7560, 63.7173, -43.6360



14.0320, 18.2252, -12.3061

Inverse Universe

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



139.7080, -3.3070, 80.9401



133.9330, -4.4040, 106.1758



207.2980, -55.8559, -4.6463



107.0440, -0.0217, 6.9774



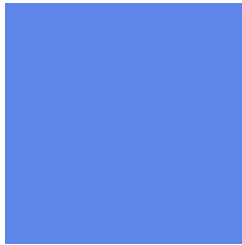
59.2210, -4.5460, 105.0462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 132.6250, 48.9919, -33.8741 looks on a white background.

Color Contrast Check

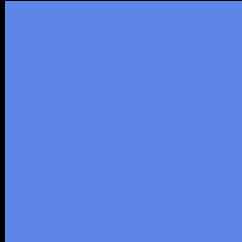
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.6250, 48.9919, -33.8741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

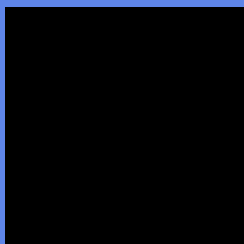
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.6250, 48.9919, -33.8741

Background



This preview shows how black text looks on a background with the YUV color 132.6250, 48.9919, -33.8741.



This preview shows how white text looks on a background with the YUV color 132.6250, 48.9919, -33.8741.

-33.8741.

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

132.6250, 48.9919, -33.8741

Protanopia

132.6250, 48.9919, -33.8741

Deuteranopia

127.9710, 50.7933, -51.7176



Tritanopia

124.6540, 17.9186, -54.0706

Trichromacy



Original Color

132.6250, 48.9919, -33.8741

Protanomaly

132.6250, 48.9919, -33.8741

Deuteranomaly

129.4880, 50.0454, -45.1550

Tritanomaly

127.3850, 29.3902, -46.8186

Monochromacy



Original Color

132.6250, 48.9919, -33.8741

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9180, 17.7884, -12.2061

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.6250, 48.9919, -33.8741 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(94, 133, 232)` looks like.

```
.text, #text, p{  
    color:rgb(94, 133, 232)  
}
```

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(94, 133, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 133, 232) }
```

Border

The CSS property to change the border of an element to YUV 132.6250, 48.9919, -33.8741 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(94, 133, 232) }
```


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

```
.border{ border-color:rgb(94, 133, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 133, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 133, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 133, 232);  
box-shadow:4px 4px 4px 4px rgb(94, 133,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 132.6250, 48.9919, -33.8741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 133, 232) }
```

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

```
.background{ background-color: rgb(94, 133,  
232) }
```

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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