

Converting Colors

YUV(128.1690, 47.2447,
-33.4742)

Have a look what the booklet for
YUV(128.1690, 47.2447, -33.4742)
contains.

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Color

**YUV(128.1690, 47.2447,
-33.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	5A81E0
RGB	90, 129, 224
RGB Percent	35%, 51%, 88%
CMY	0.6471, 0.4941, 0.1216
CMYK	0.60, 0.42, 0.00, 0.12
HSL	223°, 68%, 62%
HSV	223°, 60%, 88%
XYZ	25.5213, 23.2560, 73.6647
YIQ	128.1690, -53.7390, 21.2770

Conversions

Conversions Part 2

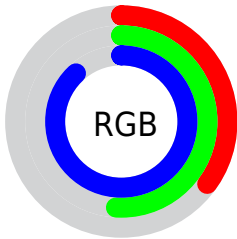
Format	Color
R _Y B	90, 120, 224
Decimal	5931488
CIE Lab	55.34, 15.09, -52.58
CIE LCh	55, 54.707, 286.014
Yxy	23.2560, 0.2084, 0.1899
Android (android.graphics.Color)	4284121568 (0xFF5A81E0)
YUV	128.1690, 47.2447, -33.4742
Hunter-Lab	48.2245, 10.0726, -56.8107

Details

The YUV color **128.1690, 47.2447, -33.4742** 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 **185.8310, -47.2447, 33.4742**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1670, 36.8927, -26.4565**, and **67.6070, 49.4937, -54.9063** is the 20% darker color. If you saturate the color by 10%, you get **112.1990, 55.1179, -38.7625**, and if you desaturate by 10%, it is **144.1390, 39.3715, -28.1859**.

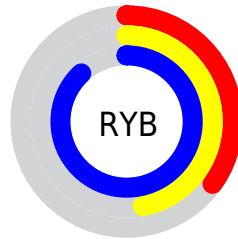
Distribution



Red (35%)

Green (51%)

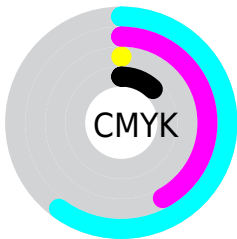
Blue (88%)



Red (35%)

Yellow (47%)

Blue (88%)

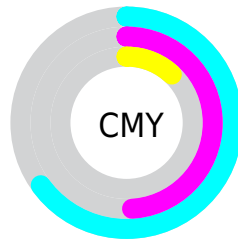


Cyan (60%)

Magenta (42%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (49%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1690, 47.2447, -33.4742 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 128.1690, 47.2447, -33.4742 by changing the saturation by 10% instead.

■ 128.1690, 47.2447,
-33.4742

■ 128.1690, 47.2447,
-33.4742

255.0000, 0.0000,
0.0000

■ 100.4350, 47.1135,
-38.0925

■ 180.1670, 36.8927,
-26.4565

■ 67.6070, 49.4937,
-54.9063

■ 205.2740, 24.5149,
-23.0423

■ 50.1200, 44.8038,
-43.9552

■ 230.6800, 11.9898,
-19.0134

■ 34.8290, 39.5243,
-30.5450

■ 250.2160, 2.3585,
-9.8364

■ 20.8260, 34.1028,
-18.2644

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 128.1690, 47.2447,
-33.4742

■ 128.1690, 47.2447,
-33.4742

■ 112.1990, 55.1179,
-38.7625

■ 144.1390, 39.3715,
-28.1859

■ 95.9300, 63.1385,
-44.6656

■ 160.4080, 31.3509,
-22.2828

■ 79.9600, 71.0117,
-49.9539

■ 176.3780, 23.4776,
-16.9945

■ 63.6910, 79.0323,
-55.8570

■ 192.6470, 15.4570,
-11.0914

■ 208.0300, 7.8732,
-5.2883

■ 224.0000, 0.0000,
0.0000

■ 240.2690, -8.0206,
5.9031

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



110.0640, 56.1704, -96.5261



128.1690, 47.2447, -33.4742



136.6020, 30.7622, 26.6590

Triad

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



128.1690, 47.2447, -33.4742



129.5790, -31.3444, 67.0212



102.7100, 2.6080, -90.0767

Complementary

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



128.1690, 47.2447, -33.4742



185.8310, -47.2447, 33.4742

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.



117.3800, -26.8093, -34.5363



128.1690, 47.2447, -33.4742



128.1140, -46.3982, 41.9960

Square

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



128.1690, 47.2447, -33.4742



130.1500, -10.4269, 77.9215



124.3070, -46.0004, 7.6238



108.8830, 23.7217, -95.4904

Rectangle

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



128.1690, 47.2447, -33.4742



134.8630, 18.3085, 54.4941



124.3070, -46.0004, 7.6238



99.7120, -3.8020, -87.4474

Sweetspot

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



128.1690, 47.2447, -33.4742



221.8750, 16.3306, -11.2914



179.3740, 2.2806, -78.3810



107.5890, 10.0626, -7.5326



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.



128.1690, 47.2447, -33.4742



123.6740, 64.7437, -46.1951



113.3490, 54.5509, 3.2019



104.0150, 3.9366, -2.6442



50.0010, 62.1175, -43.8509



13.6900, 16.9148, -12.0061

Inverse Universe

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



134.5120, -2.7174, 78.4810



132.1720, -3.5358, 107.7202



200.6510, -54.5509, -3.2019



104.6310, -0.3111, 6.4626



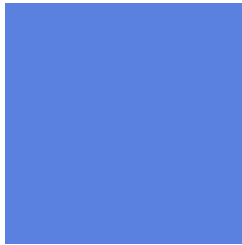
58.4380, -3.6669, 103.1019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 128.1690, 47.2447, -33.4742 looks on a white background.

Color Contrast Check

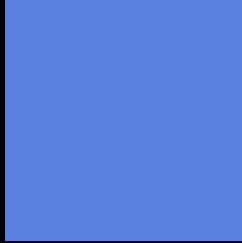
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.1690, 47.2447, -33.4742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

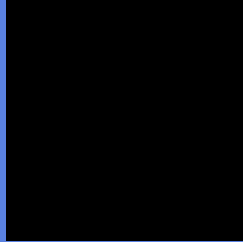
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.1690, 47.2447, -33.4742

Background



This preview shows how black text looks on a background with the YUV color 128.1690, 47.2447, -33.4742.



This preview shows how white text looks on a background with the YUV color 128.1690, 47.2447, -33.4742.

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

128.1690, 47.2447, -33.4742

Protanopia

128.4680, 47.0973, -32.8594

Deuteranopia

123.5260, 49.0407, -49.5733



Tritanopia

119.9530, 17.7712, -53.4558

Trichromacy



Original Color

128.1690, 47.2447, -33.4742

Protanomaly

128.4680, 47.0973, -32.8594

Deuteranomaly

125.3310, 48.1508, -44.1403

Tritanomaly

123.1570, 28.5166, -46.6187

Monochromacy



Original Color

128.1690, 47.2447, -33.4742

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8040, 17.3516, -12.1061

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1690, 47.2447, -33.4742 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(90, 129, 224)` looks like.

```
.text, #text, p{  
    color:rgb(90, 129, 224)  
}
```

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(90, 129, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 129, 224) }
```

Border

The CSS property to change the border of an element to YUV 128.1690, 47.2447, -33.4742 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(90, 129, 224) }
```


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

```
.border{ border-color:rgb(90, 129, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 129, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 129, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 129, 224);  
box-shadow:4px 4px 4px 4px rgb(90, 129,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 128.1690, 47.2447, -33.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 129, 224) }
```

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

```
.background{ background-color: rgb(90, 129,  
224) }
```

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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