

Converting Colors

YUV(165.5420, 31.2848,
-47.8333)

Have a look what the booklet for
YUV(165.5420, 31.2848, -47.8333)
contains.

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Color

**YUV(165.5420, 31.2848,
-47.8333)**

Conversions

Conversions Part 1

Format	Color
Hex	6FB5E5
RGB	111, 181, 229
RGB Percent	44%, 71%, 90%
CMY	0.5647, 0.2902, 0.1020
CMYK	0.52, 0.21, 0.00, 0.10
HSL	204°, 69%, 67%
HSV	204°, 52%, 90%
XYZ	37.2223, 42.0844, 80.2900
YIQ	165.5420, -57.1280, 0.0880

Conversions

Conversions Part 2

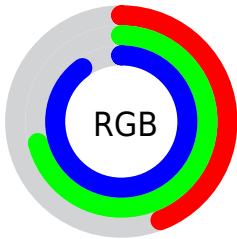
Format	Color
RYB	111, 155, 229
Decimal	7321061
CIELab	70.93, -8.88, -30.81
CIELCh	71, 32.065, 253.919
Yxy	42.0844, 0.2332, 0.2637
Android (android.graphics.Color)	4285511141 (0xFF6FB5E5)
YUV	165.5420, 31.2848, -47.8333
Hunter-Lab	64.8725, -11.1078, -27.9701

Details

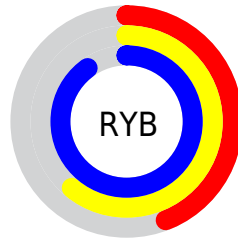
The YUV color **165.5420, 31.2848, -47.8333** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **174.4580, -31.2848, 47.8333**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7200, 17.8860, -43.6044**, and **109.5090, 31.3011, -53.0664** is the 20% darker color. If you saturate the color by 10%, you get **153.3820, 37.2797, -57.3400**, and if you desaturate by 10%, it is **177.7020, 25.2899, -38.3267**.

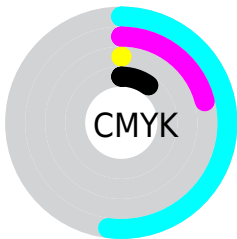
Distribution



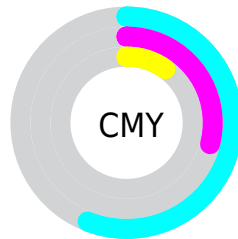
- Red (44%)
- Green (71%)
- Blue (90%)



- Red (44%)
- Yellow (61%)
- Blue (90%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (56%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5420, 31.2848, -47.8333 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 165.5420, 31.2848, -47.8333 by changing the saturation by 10% instead.

■ 165.5420, 31.2848,
-47.8333

■ 165.5420, 31.2848,
-47.8333

255.0000, 0.0000,
0.0000

■ 137.8300, 31.1428,
-48.9629

■ 218.7200, 17.8860,
-43.6044

■ 109.5090, 31.3011,
-53.0664

■ 237.9570, 8.4022,
-35.0423

■ 77.2190, 34.4020,
-67.7211

■ 246.9270, 3.9800,
-16.5990

■ 60.1670, 29.9907,
-52.7665

■ 44.4030, 25.4373,
-38.9414

■ 28.7530, 21.3208,
-25.2164

■ 11.4560, 18.5092,

-10.0469

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 165.5420, 31.2848,
-47.8333

■ 165.5420, 31.2848,
-47.8333

■ 153.3820, 37.2797,
-57.3400

■ 177.7020, 25.2899,
-38.3267

■ 140.6350, 43.5639,
-66.3319

■ 190.4490, 19.0056,
-29.3348

■ 128.4750, 49.5588,
-75.8386

■ 202.6090, 13.0108,
-19.8281

■ 116.3150, 55.5537,
-85.3453

■ 214.7690, 7.0159,
-10.3214

■ 105.9380, 60.6696,
-92.9076

■ 227.5160, 0.7316,
-1.3295

■ 239.3770, -5.1159,
7.5624

■ 246.7530, -8.7522,
7.2326

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



157.6720, 27.2767, -68.9953



165.5420, 31.2848, -47.8333



173.5290, 27.8402, -16.2499

Triad

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



165.5420, 31.2848, -47.8333



176.9460, -7.8614, 48.2824



166.8950, -17.6962, -17.4479

Complementary

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



165.5420, 31.2848, -47.8333



174.4580, -31.2848, 47.8333

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.



170.3560, -26.7975, 8.4578



165.5420, 31.2848, -47.8333



175.0090, -20.2174, 44.7191

Square

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



165.5420, 31.2848, -47.8333



177.6640, 6.5746, 38.0057



173.0860, -27.1574, 30.6196



161.9270, -2.9220, -42.9090

Rectangle

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



165.5420, 31.2848, -47.8333



176.8800, 22.2442, 5.3672



173.0860, -27.1574, 30.6196



168.5110, -21.9439, -8.3411

Sweetspot

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



165.5420, 31.2848, -47.8333



234.2460, 10.2317, -15.1247



185.6240, -13.6186, -65.4452



115.2530, 6.2843, -8.9919



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.



165.5420, 31.2848, -47.8333



170.1900, 41.8113, -64.1876



131.4960, 48.0695, -17.9750



108.4770, 3.2158, -4.8033



82.6280, 47.5114, -72.4648



23.4240, 13.5950, -20.5428

Inverse Universe

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



154.2620, 13.1818, 65.5452



154.9580, 17.7687, 87.7368



208.5040, -48.0695, 17.9750



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 165.5420, 31.2848, -47.8333 looks on a white background.

Color Contrast Check

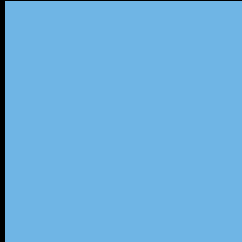
Large Text (above 18pt) WCAG AA × Fail

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 165.5420, 31.2848, -47.8333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

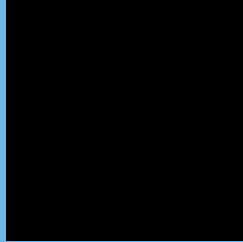
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.5420, 31.2848, -47.8333

Background



This preview shows how black text looks on a background with the YUV color 165.5420, 31.2848, -47.8333.

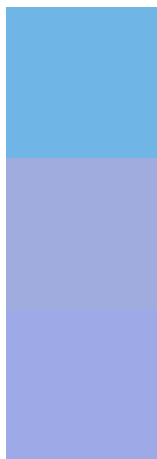


This preview shows how white text looks on a background with the YUV color 165.5420, 31.2848, -47.8333.

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

165.5420, 31.2848, -47.8333

Protanopia

173.5250, 23.8982, -11.8614

Deuteranopia

173.0670, 28.5610, -14.0908



Tritanopia

162.2950, 19.0816, -53.7557

Trichromacy



Original Color

165.5420, 31.2848, -47.8333

Protanomaly

170.8330, 26.7043, -25.2865

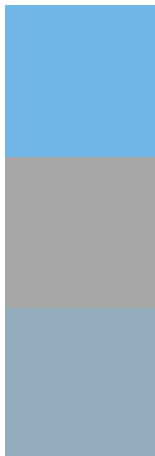
Deuteranomaly

170.2180, 29.4725, -26.5012

Tritanomaly

163.4570, 23.4387, -51.2668

Monochromacy



Original Color

165.5420, 31.2848, -47.8333

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.5770, 11.5475, -17.1690

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5420, 31.2848, -47.8333 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, 181, 229)` looks like.

```
.text, #text, p{  
    color:rgb(111, 181, 229)  
}
```

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, 181, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 181, 229) }
```

Border

The CSS property to change the border of an element to YUV 165.5420, 31.2848, -47.8333 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

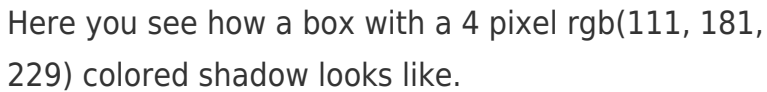
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 181, 229) }
```


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

```
.border{ border-color:rgb(111, 181, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 181, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 181, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 181, 229); box-shadow:4px 4px 4px 4px rgb(111, 181, 229) }
```

Background

The CSS property to change the background color of an element to YUV 165.5420, 31.2848, -47.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 181, 229) }
```

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

```
.background{ background-color: rgb(111,  
181, 229) }
```

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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