

Converting Colors

YUV(148.0890, 41.8611,
-33.4041)

Have a look what the booklet for
YUV(148.0890, 41.8611, -33.4041)
contains.

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Color

**YUV(148.0890, 41.8611,
-33.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	6E97E9
RGB	110, 151, 233
RGB Percent	43%, 59%, 91%
CMY	0.5686, 0.4078, 0.0863
CMYK	0.53, 0.35, 0.00, 0.09
HSL	220°, 74%, 67%
HSV	220°, 53%, 91%
XYZ	32.2050, 31.3314, 81.4410
YIQ	148.0890, -50.7580, 16.8100

Conversions

Conversions Part 2

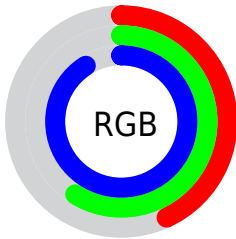
Format	Color
R _Y B	110, 141, 233
Decimal	7247849
CIE Lab	62.79, 8.98, -45.71
CIE LCh	63, 46.583, 281.115
Yxy	31.3314, 0.2221, 0.2161
Android (android.graphics.Color)	4285437929 (0xFF6E97E9)
YUV	148.0890, 41.8611, -33.4041
Hunter-Lab	55.9745, 4.7449, -47.0828

Details

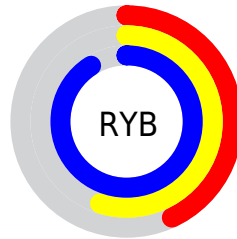
The YUV color **148.0890, 41.8611, -33.4041** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **194.9110, -41.8611, 33.4041**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6370, 27.2940, -27.7456**, and **93.8170, 41.0092, -40.1815** is the 20% darker color. If you saturate the color by 10%, you get **131.8200, 49.8817, -39.3071**, and if you desaturate by 10%, it is **164.3580, 33.8405, -27.5010**.

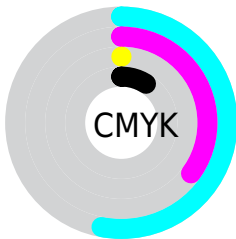
Distribution



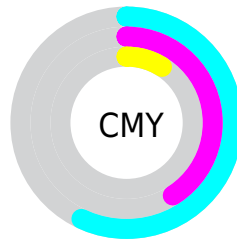
- Red (43%)
- Green (59%)
- Blue (91%)



- Red (43%)
- Yellow (55%)
- Blue (91%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)



- Cyan (57%)
- Magenta (41%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.0890, 41.8611, -33.4041 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 148.0890, 41.8611, -33.4041 by changing the saturation by 10% instead.

■ 148.0890, 41.8611,
-33.4041

■ 148.0890, 41.8611,
-33.4041

255.0000, 0.0000,
0.0000

■ 120.6650, 41.5772,
-35.6632

■ 199.6370, 27.2940,
-27.7456

■ 93.8170, 41.0092,
-40.1815

■ 224.7440, 14.9162,
-24.3315

■ 62.2990, 43.2366,
-54.6362

■ 246.6280, 4.1274,
-17.2138

■ 46.4210, 38.2464,
-40.7112

■ 31.1300, 32.9669,
-27.3010

■ 15.4800, 28.8504,
-13.5760

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 148.0890, 41.8611,
-33.4041

■ 148.0890, 41.8611,
-33.4041

■ 131.8200, 49.8817,
-39.3071

■ 164.3580, 33.8405,
-27.5010

■ 115.8390, 57.7604,
-46.3398

■ 180.3390, 25.9619,
-20.4683

■ 99.5700, 65.7810,
-52.2429

■ 196.6080, 17.9413,
-14.5652

■ 83.8880, 73.5122,
-58.6608

■ 212.2900, 10.2100,
-8.1473

■ 72.3480, 79.2014,
-63.4492

■ 228.8580, 2.0420,
-1.6295

■ 244.5400, -5.6892,
4.7884

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



122.4880, 53.0034, -107.4220



148.0890, 41.8611, -33.4041



156.0800, 29.0476, 16.5928

Triad

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



148.0890, 41.8611, -33.4041



151.3380, -25.8026, 62.8476



130.0610, -2.9881, -68.4595

Complementary

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



148.0890, 41.8611, -33.4041



194.9110, -41.8611, 33.4041

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.



141.4570, -26.8473, -22.3258



148.0890, 41.8611, -33.4041



149.7040, -37.8151, 42.3556

Square

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



148.0890, 41.8611, -33.4041



153.1810, -7.4842, 67.3703



147.0610, -39.4701, 13.1015



120.4750, 22.4438, -105.6566

Rectangle

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



148.0890, 41.8611, -33.4041



156.3730, 18.0571, 41.7689



147.0610, -39.4701, 13.1015



135.6520, -12.6464, -50.5608

Sweetspot

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



148.0890, 41.8611, -33.4041



226.8920, 13.8572, -11.3063



191.5490, 0.2223, -71.5185



110.5460, 8.6048, -6.6178



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.



148.0890, 41.8611, -33.4041



144.0520, 54.6974, -43.8956



130.0020, 50.7780, -0.0018



109.0150, 3.9366, -2.6442



55.8540, 61.6970, -48.9840



16.7220, 18.3781, -14.6652

Inverse Universe

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



151.4510, -0.2223, 71.5185



148.2950, -0.1454, 93.5803



212.6990, -50.6306, -0.6130



109.6310, -0.3111, 6.4626



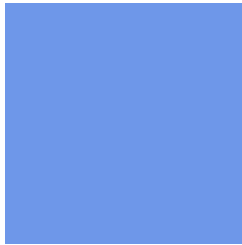
60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 148.0890, 41.8611, -33.4041 looks on a white background.

Color Contrast Check

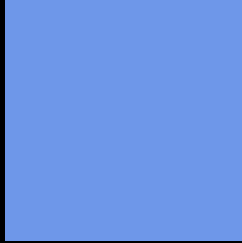
Large Text (above 18pt) WCAG AA × Fail

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 148.0890, 41.8611, -33.4041 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

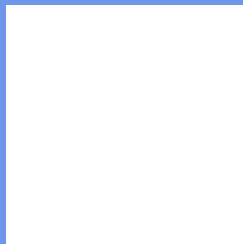
Any Text WCAG AAA ✓ Pass

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

YUV 148.0890, 41.8611, -33.4041 Background



This preview shows how black text looks on a background with the YUV color 148.0890, 41.8611, -33.4041.



This preview shows how white text looks on a background with the YUV color 148.0890, 41.8611, -33.4041.

-33.4041.

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

148.0890, 41.8611, -33.4041

Protanopia

150.2750, 39.7974, -24.7972

Deuteranopia

148.0890, 41.8611, -33.4041



Tritanopia

142.6550, 16.4391, -46.1784

Trichromacy



Original Color

148.0890, 41.8611, -33.4041

Protanomaly

149.7800, 40.5345, -27.8711

Deuteranomaly

148.0890, 41.8611, -33.4041

Tritanomaly

144.7940, 25.7376, -41.9153

Monochromacy



Original Color

148.0890, 41.8611, -33.4041

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9350, 15.3150, -12.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0890, 41.8611, -33.4041 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(110, 151, 233)` looks like.

```
.text, #text, p{  
    color:rgb(110, 151, 233)  
}
```

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(110, 151, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 151, 233) }
```

Border

The CSS property to change the border of an element to YUV 148.0890, 41.8611, -33.4041 is called "border".

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

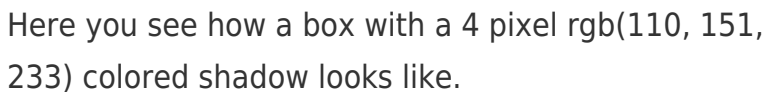
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 151, 233) }
```


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

```
.border{ border-color:rgb(110, 151, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 151, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 151, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 151, 233); box-shadow:4px 4px 4px 4px rgb(110, 151, 233) }
```

Background

The CSS property to change the background color of an element to YUV 148.0890, 41.8611, -33.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 151, 233) }
```

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

```
.background{ background-color: rgb(110,  
151, 233) }
```

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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