

Converting Colors

YUV(184.6810, -69.8487,
50.2688)

Have a look what the booklet for
YUV(184.6810, -69.8487, 50.2688)
contains.

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Color

**YUV(184.6810, -69.8487,
50.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B72B
RGB	242, 183, 43
RGB Percent	95%, 72%, 17%
CMY	0.0510, 0.2824, 0.8314
CMYK	0.00, 0.24, 0.82, 0.05
HSL	42°, 88%, 56%
HSV	42°, 82%, 95%
XYZ	53.9875, 52.9186, 9.6544
YIQ	184.6810, 80.1040, -31.0320

Conversions

Conversions Part 2

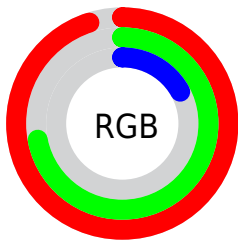
Format	Color
RYB	127, 242, 43
Decimal	15906603
CIELab	77.83, 9.66, 72.59
CIELCh	78, 73.227, 82.422
Yxy	52.9186, 0.4632, 0.4540
Android (android.graphics.Color)	4294096683 (0xFFFF2B72B)
YUV	184.6810, -69.8487, 50.2688
Hunter-Lab	72.7452, 5.1688, 43.0530

Details

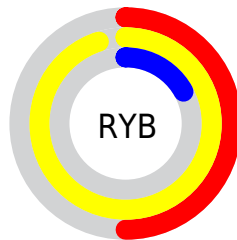
The YUV color **184.6810, -69.8487, 50.2688** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **100.3190, 69.8487, -50.2688**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1660, -62.1998, 23.5334**, and **130.4290, -64.3015, 44.3508** is the 20% darker color. If you saturate the color by 10%, you get **177.8360, -78.3061, 56.2718**, and if you desaturate by 10%, it is **191.5260, -61.3913, 44.2657**.

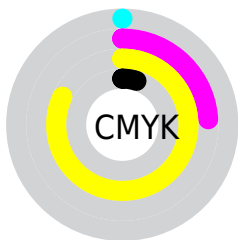
Distribution



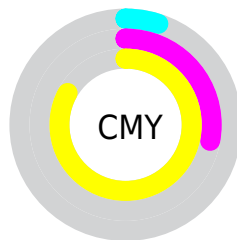
- Red (95%)
- Green (72%)
- Blue (17%)



- Red (50%)
- Yellow (95%)
- Blue (17%)



- Cyan (0%)
- Magenta (24%)
- Yellow (82%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.6810, -69.8487, 50.2688 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 184.6810, -69.8487, 50.2688 by changing the saturation by 10% instead.

184.6810,
-69.8487, 50.2688

184.6810,
-69.8487, 50.2688

255.0000, 0.0000,
0.0000

154.6610,
-76.2479, 49.4093

228.1660,
-62.1998, 23.5334

130.4290,
-64.3015, 44.3508

240.7500,
-54.5998, 12.4972

106.7840,
-52.6445, 38.7774

243.9420,
-42.3694, 9.6979

84.6120, -41.7137,
32.7893

247.1340,
-30.1391, 6.8985

62.4400, -30.7829,
26.8011

250.4400,
-17.4719, 3.9991

41.4530, -20.4363,
21.5277

253.8600, -4.3680,

21.9390, -10.8159,

0.9998

15.8395

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 184.6810,
-69.8487, 50.2688

■ 184.6810,
-69.8487, 50.2688

■ 177.8360,
-78.3061, 56.2718

■ 191.5260,
-61.3913, 44.2657

■ 172.1480,
-84.8690, 61.2602

■ 198.3710,
-52.9339, 38.2626

■ 205.9170,
-44.3291, 31.6448

■ 212.7620,
-35.8717, 25.6417

■ 219.6070,
-27.4143, 19.6387

■ 226.4520,
-18.9568, 13.6356

■ 233.2970,
-10.4994, 7.6325

■ 240.2560, -1.6052,
1.5295

■ 247.0040, 3.9420,
-4.3885

Harmonies

Analogous

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



177.5070, -45.6060, 67.9614



184.6810, -69.8487, 50.2688



178.8980, -62.5607, -0.7875

Triad

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



184.6810, -69.8487, 50.2688



159.6630, 40.5921, -140.0245



194.5390, 29.8073, 53.0243

Complementary

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



184.6810, -69.8487, 50.2688



100.3190, 69.8487, -50.2688

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.



184.0430, 34.9818, -20.2087



184.6810, -69.8487, 50.2688



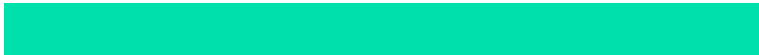
157.6230, 48.0069, -138.2354

Square

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



184.6810, -69.8487, 50.2688



151.0960, 10.3057, -132.5112



149.4050, 52.0583, -131.0282



176.8370, 17.8284, 68.5490

Rectangle

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



184.6810, -69.8487, 50.2688



172.6830, -43.2277, -41.8180



149.4050, 52.0583, -131.0282



193.5320, 30.3037, 33.7364

Sweetspot

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



184.6810, -69.8487, 50.2688



236.5510, -22.4566, 16.1798



109.3410, -3.1261, 116.3419



116.5100, -13.5624, 10.0767



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.



184.6810, -69.8487, 50.2688



182.2470, -88.3688, 63.8044



207.3540, -81.0265, -4.6955



116.2840, -4.0840, 3.2589



130.7390, -64.4543, 46.7099



39.6370, -19.5410, 14.3504

Inverse Universe

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



100.3190, 69.8487, -50.2688



75.1660, 88.6582, -63.2896



77.6460, 81.0265, 4.6955



111.1290, 4.3734, -2.7441



52.6740, 64.7437, -46.1951



16.3630, 19.5410, -14.3504

Previews

White Background



This preview shows how the YUV color 184.6810, -69.8487, 50.2688 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 184.6810, -69.8487, 50.2688 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 184.6810, -69.8487, 50.2688

Background



This preview shows how black text looks on a background with the YUV color 184.6810, -69.8487, 50.2688.



This preview shows how white text looks on a background with the YUV color 184.6810, -69.8487, 50.2688.

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

184.6810, -69.8487, 50.2688

Protanopia

183.4180, -67.7471, 29.4514

Deuteranopia

184.9800, -69.9961, 50.8835



Tritanopia

196.4020, -6.1142, 47.8824

Trichromacy



Original Color

184.6810, -69.8487, 50.2688

Protanomaly

183.6470, -68.3530, 37.1436

Deuteranomaly

184.9800, -69.9961, 50.8835

Tritanomaly

192.0390, -29.1062, 49.0778

Monochromacy



Original Color

184.6810, -69.8487, 50.2688

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.7640, -25.5197, 18.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.6810, -69.8487, 50.2688 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(242, 183, 43)` looks like.

```
.text, #text, p{  
    color:rgb(242, 183, 43)  
}
```

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(242, 183, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 183, 43) }
```

Border

The CSS property to change the border of an element to YUV 184.6810, -69.8487, 50.2688 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(242, 183, 43) }
```


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

```
.border{ border-color:rgb(242, 183, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 183, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 183, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 183, 43);  
box-shadow:4px 4px 4px 4px rgb(242, 183,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 184.6810, -69.8487, 50.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 183, 43) }
```

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

```
.background{ background-color: rgb(242,  
183, 43) }
```

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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