

Converting Colors

YUV(182.7850, -70.8860,
56.3166)

Have a look what the booklet for
YUV(182.7850, -70.8860, 56.3166)
contains.

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Color

**YUV(182.7850, -70.8860,
56.3166)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F7B227 |
| RGB | 247, 178, 39 |
| RGB Percent | 97%, 70%, 15% |
| CMY | 0.0314, 0.3020, 0.8471 |
| CMYK | 0.00, 0.28, 0.84, 0.03 |
| HSL | 40°, 93%, 56% |
| HSV | 40°, 84%, 97% |
| XYZ | 54.6444, 51.7614, 9.0303 |
| YIQ | 182.7850, 85.7430, -28.6010 |

Conversions

Conversions Part 2

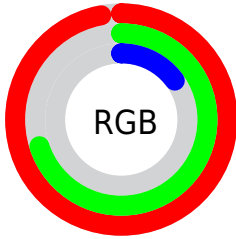
| Format | Color |
|-------------------------------------|---|
| RYB | 142, 247, 39 |
| Decimal | 16232999 |
| CIELab | 77.14, 14.30, 73.36 |
| CIELCh | 77, 74.744, 78.970 |
| Yxy | 51.7614, 0.4734, 0.4484 |
| Android (android.graphics.Color) | 4294423079 (0xFFFF7B227) |
| YUV | 182.7850, -70.8860, 56.3166 |
| Hunter-Lab | 71.9454, 9.6708, 42.9199 |

Details

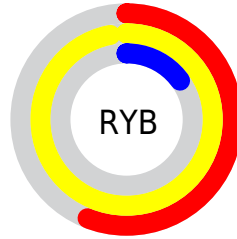
The YUV color **182.7850, -70.8860, 56.3166** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **103.2150, 70.8860, -56.3166**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3020, -61.7739, 26.9221**, and **129.2770, -63.7336, 48.8691** is the 20% darker color. If you saturate the color by 10%, you get **175.2390, -79.4908, 62.9344**, and if you desaturate by 10%, it is **190.3310, -62.2812, 49.6987**.

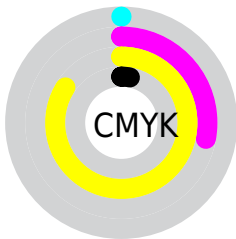
Distribution



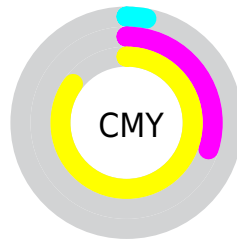
- Red (97%)
- Green (70%)
- Blue (15%)



- Red (56%)
- Yellow (97%)
- Blue (15%)



- Cyan (0%)
- Magenta (28%)
- Yellow (84%)
- Black (3%)



- Cyan (3%)
- Magenta (30%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.7850, -70.8860, 56.3166 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 182.7850, -70.8860, 56.3166 by changing the saturation by 10% instead.

182.7850,
-70.8860, 56.3166

182.7850,
-70.8860, 56.3166

255.0000, 0.0000,
0.0000

153.2210,
-75.5380, 55.0572

224.3020,
-61.7739, 26.9221

129.2770,
-63.7336, 48.8691

240.4080,
-55.9101, 12.7972

105.6320,
-52.0766, 43.2957

243.6000,
-43.6798, 9.9978

82.8730, -40.8564,
37.8224

246.7920,
-31.4495, 7.1984

60.7010, -29.9256,
31.8342

250.0980,
-18.7823, 4.2991

40.0020, -19.7210,
25.4312

253.4040, -6.1152,

20.4880, -10.1006,

1.3997

19.7430

■ 1.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 182.7850,
-70.8860, 56.3166

■ 182.7850,
-70.8860, 56.3166

■ 175.2390,
-79.4908, 62.9344

■ 190.3310,
-62.2812, 49.6987

■ 170.7080,
-84.1590, 66.9081

■ 197.7630,
-54.1132, 43.1808

■ 205.8960,
-45.7977, 36.0482

■ 213.4420,
-37.1929, 29.4304

■ 220.9880,
-28.5881, 22.8125

■ 228.4200,
-20.4201, 16.2947

■ 235.9660,
-11.8152, 9.6768

■ 244.0990, -3.4998,
2.5442

■ 250.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



174.2130, -42.9960, 70.8502



182.7850, -70.8860, 56.3166



176.9760, -67.5292, 6.1600

Triad

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



182.7850, -70.8860, 56.3166



157.5770, 37.6765, -138.1950



192.7450, 30.6917, 49.3356

Complementary

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



182.7850, -70.8860, 56.3166



103.2150, 70.8860, -56.3166

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.



178.6500, 37.6406, -33.0190



182.7850, -70.8860, 56.3166



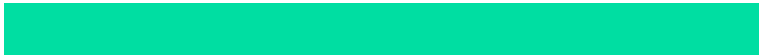
157.6230, 48.0069, -138.2354

Square

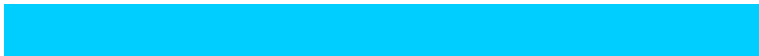
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



182.7850, -70.8860, 56.3166



148.7820, 6.5165, -130.4818



149.9920, 51.7689, -131.5430



175.7600, 21.3173, 69.4935

Rectangle

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



182.7850, -70.8860, 56.3166



171.4620, -48.0488, -35.4852



149.9920, 51.7689, -131.5430



190.5310, 31.7832, 25.8443

Sweetspot

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



182.7850, -70.8860, 56.3166



235.3770, -21.8779, 17.2094



109.0580, -0.5216, 120.9751



115.9230, -13.2730, 10.5915



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.



182.7850, -70.8860, 56.3166



176.0350, -86.7853, 69.2523



212.8230, -85.6947, -0.7218



118.2840, -4.0840, 3.2589



128.4020, -63.3022, 50.5134



40.5340, -19.9833, 16.1947

Inverse Universe

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



103.2150, 70.8860, -56.3166



78.9650, 86.7853, -69.2523



73.1770, 85.6947, 0.7218



113.7160, 4.0840, -3.2589



57.5980, 63.3022, -50.5134



17.8790, 20.2727, -15.6799

Previews

White Background



This preview shows how the YUV color 182.7850, -70.8860, 56.3166 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 182.7850, -70.8860, 56.3166 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 182.7850, -70.8860, 56.3166

Background



This preview shows how black text looks on a background with the YUV color 182.7850, -70.8860, 56.3166.



This preview shows how white text looks on a background with the YUV color 182.7850, -70.8860,

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

182.7850, -70.8860, 56.3166

Protanopia

181.1900, -68.6207, 29.6514

Deuteranopia

182.5240, -71.7433, 51.2835



Tritanopia

193.9790, -7.8776, 53.5154

Trichromacy



Original Color

182.7850, -70.8860, 56.3166

Protanomaly

181.7290, -69.3794, 39.7027

Deuteranomaly

182.6490, -71.3120, 52.9278

Tritanomaly

189.6160, -30.8697, 54.7108

Monochromacy



Original Color

182.7850, -70.8860, 56.3166

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

182.7750, -25.5251, 20.3683

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.7850, -70.8860, 56.3166 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(247, 178, 39)` looks like.

```
.text, #text, p{  
    color:rgb(247, 178, 39)  
}
```

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(247, 178, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 178, 39) }
```

Border

The CSS property to change the border of an element to YUV 182.7850, -70.8860, 56.3166 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(247, 178, 39) }
```


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

```
.border{ border-color:rgb(247, 178, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 178, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 178, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 178, 39);  
box-shadow:4px 4px 4px 4px rgb(247, 178,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 182.7850, -70.8860, 56.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 178, 39) }
```

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

```
.background{ background-color: rgb(247,  
178, 39) }
```

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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