

Converting Colors

YUV(186.0860, -60.6814,
49.9136)

Have a look what the booklet for
YUV(186.0860, -60.6814, 49.9136)
contains.

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Color

**YUV(186.0860, -60.6814,
49.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B53F
RGB	243, 181, 63
RGB Percent	95%, 71%, 25%
CMY	0.0471, 0.2902, 0.7529
CMYK	0.00, 0.26, 0.74, 0.05
HSL	39°, 88%, 60%
HSV	39°, 74%, 95%
XYZ	54.3832, 52.4613, 11.9624
YIQ	186.0860, 74.8300, -23.5540

Conversions

Conversions Part 2

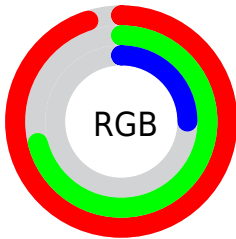
Format	Color
R_{YB}	158, 243, 63
Decimal	15971647
CIE _{Lab}	77.56, 11.84, 65.51
CIE _{LCh}	78, 66.575, 79.760
Yxy	52.4613, 0.4577, 0.4416
Android (android.graphics.Color)	4294161727 (0xFFFF3B53F)
YUV	186.0860, -60.6814, 49.9136
Hunter-Lab	72.4302, 7.2715, 40.9090

Details

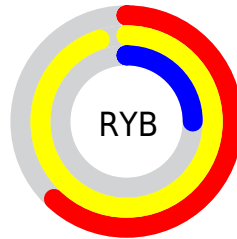
The YUV color **186.0860, -60.6814, 49.9136** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **119.9140, 60.6814, -49.9136**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8160, -54.6323, 22.9634**, and **129.5540, -63.8701, 45.9951** is the 20% darker color. If you saturate the color by 10%, you get **178.6540, -68.8494, 56.4314**, and if you desaturate by 10%, it is **193.5180, -52.5134, 43.3957**.

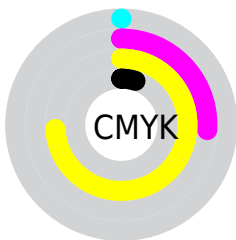
Distribution



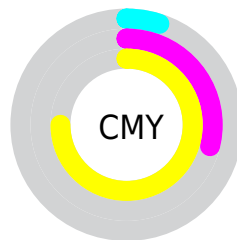
- Red (95%)
- Green (71%)
- Blue (25%)



- Red (62%)
- Yellow (95%)
- Blue (25%)



- Cyan (0%)
- Magenta (26%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0860, -60.6814, 49.9136 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 186.0860, -60.6814, 49.9136 by changing the saturation by 10% instead.

186.0860,
-60.6814, 49.9136

186.0860,
-60.6814, 49.9136

255.0000, 0.0000,
0.0000

157.5480,
-61.4022, 47.7544

228.8160,
-54.6323, 22.9634

129.5540,
-63.8701, 45.9951

242.4600,
-48.0478, 10.9976

106.7950,
-52.6499, 40.5218

245.6520,
-35.8174, 8.1982

84.0360, -41.4297,
35.0484

248.8440,
-23.5871, 5.3988

61.8640, -30.4990,
29.0603

252.1500,
-10.9200, 2.4994

40.8770, -20.1524,
23.7869

21.3630, -10.5320,

18.0986

■ 0.8970, -0.4422,
1.8443

■ 0.0000, 0.0000,
0.0000

■ 186.0860,
-60.6814, 49.9136

■ 186.0860,
-60.6814, 49.9136

■ 178.6540,
-68.8494, 56.4314

■ 193.5180,
-52.5134, 43.3957

■ 170.5210,
-77.1649, 63.5641

■ 201.6510,
-44.1979, 36.2631

■ 165.9900,
-81.8331, 67.5378

■ 209.0830,
-36.0299, 29.7452

■ 216.5150,
-27.8619, 23.2273

■ 224.5340,
-19.9833, 16.1947

■ 232.0800,
-11.3784, 9.5768

■ 240.0990, -3.4998,
2.5442

■ 247.3030, 3.7946,
-3.7737

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



179.6900, -39.7802, 66.0469



186.0860, -60.6814, 49.9136



181.1250, -56.7566, 4.2754

Triad

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



186.0860, -60.6814, 49.9136



156.7620, 37.0923, -137.4803



195.3700, 29.3976, 44.4025

Complementary

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



186.0860, -60.6814, 49.9136



119.9140, 60.6814, -49.9136

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.



183.7220, 35.1401, -24.3122



186.0860, -60.6814, 49.9136



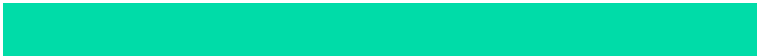
156.4490, 48.5856, -137.2058

Square

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



186.0860, -60.6814, 49.9136



148.2920, 9.7160, -130.0521



149.4050, 52.0583, -131.0282



181.8750, 16.8236, 64.1306

Rectangle

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



186.0860, -60.6814, 49.9136



175.2050, -41.5131, -31.7518



149.4050, 52.0583, -131.0282



193.1780, 30.4782, 24.3999

Sweetspot

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



186.0860, -60.6814, 49.9136



237.4630, -18.9623, 15.3799



124.0020, 0.9850, 104.3612



117.0800, -11.3784, 9.5768



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.



186.0860, -60.6814, 49.9136



183.3360, -76.5806, 62.8493



214.4070, -74.6437, 1.3971



118.2840, -4.0840, 3.2589



127.2280, -62.7234, 51.5430



39.9470, -19.6939, 16.7095

Inverse Universe

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



119.9140, 60.6814, -49.9136



99.6640, 76.5806, -62.8493



91.5930, 74.6437, -1.3971



113.7160, 4.0840, -3.2589



58.7720, 62.7234, -51.5430



18.4660, 19.9833, -16.1947

Previews

White Background



This preview shows how the YUV color 186.0860, -60.6814, 49.9136 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 186.0860, -60.6814, 49.9136 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 186.0860, -60.6814, 49.9136

Background



This preview shows how black text looks on a background with the YUV color 186.0860, -60.6814, 49.9136.



This preview shows how white text looks on a background with the YUV color 186.0860, -60.6814,

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

186.0860, -60.6814, 49.9136

Protanopia

184.5130, -58.4269, 26.7371

Deuteranopia

185.7760, -60.5286, 47.5544



Tritanopia

195.0000, -6.4090, 49.1120

Trichromacy



Original Color

186.0860, -60.6814, 49.9136

Protanomaly

185.0410, -59.1802, 35.0440

Deuteranomaly

186.0750, -60.6760, 48.1692

Tritanomaly

191.5490, -25.9067, 49.5075

Monochromacy



Original Color

186.0860, -60.6814, 49.9136

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9750, -22.1727, 18.4389

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0860, -60.6814, 49.9136 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(243, 181, 63)` looks like.

```
.text, #text, p{  
    color:rgb(243, 181, 63)  
}
```

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(243, 181, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 181, 63) }
```

Border

The CSS property to change the border of an element to YUV 186.0860, -60.6814, 49.9136 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(243, 181, 63) }
```


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

```
.border{ border-color:rgb(243, 181, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 181, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 181, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 181, 63);  
box-shadow:4px 4px 4px 4px rgb(243, 181,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 186.0860, -60.6814, 49.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 181, 63) }
```

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

```
.background{ background-color: rgb(243,  
181, 63) }
```

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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