

Converting Colors

YUV(188.1300, -37.5321,
-1.8680)

Have a look what the booklet for
YUV(188.1300, -37.5321, -1.8680)
contains.

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Color

**YUV(188.1300, -37.5321,
-1.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	BACC70
RGB	186, 204, 112
RGB Percent	73%, 80%, 44%
CMY	0.2706, 0.2000, 0.5608
CMYK	0.09, 0.00, 0.45, 0.20
HSL	72°, 47%, 62%
HSV	72°, 45%, 80%
XYZ	44.7672, 54.7947, 23.5462
YIQ	188.1300, 18.8040, -32.4280

Conversions

Conversions Part 2

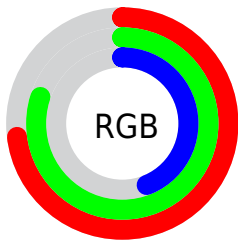
Format	Color
RYB	112, 204, 130
Decimal	12242032
CIELab	78.92, -20.13, 43.61
CIELCh	79, 48.033, 114.771
Yxy	54.7947, 0.3636, 0.4451
Android (android.graphics.Color)	4290432112 (0xFFBACC70)
YUV	188.1300, -37.5321, -1.8680
Hunter-Lab	74.0234, -21.5895, 32.9568

Details

The YUV color **188.1300, -37.5321, -1.8680** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **127.8700, 37.5321, 1.8680**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.1520, -37.5429, 1.6207**, and **134.1730, -36.0743, -2.7827** is the 20% darker color. If you saturate the color by 10%, you get **184.6540, -45.6784, -2.3276**, and if you desaturate by 10%, it is **191.6060, -29.3858, -1.4085**.

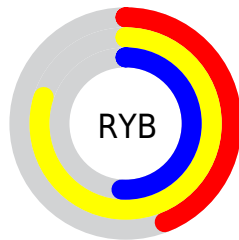
Distribution



Red (73%)

Green (80%)

Blue (44%)



Red (44%)

Yellow (80%)

Blue (51%)

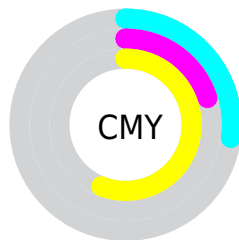


Cyan (9%)

Magenta (0%)

Yellow (45%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.1300, -37.5321, -1.8680 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 188.1300, -37.5321, -1.8680 by changing the saturation by 10% instead.

■ 188.1300,
-37.5321, -1.8680

■ 188.1300,
-37.5321, -1.8680

255.0000, 0.0000,
0.0000

■ 160.9450,
-36.9479, -2.5828

■ 241.1520,
-37.5429, 1.6207

■ 134.1730,
-36.0743, -2.7827

■ 247.9320,
-27.0815, 6.1986

■ 108.2870,
-35.6375, -2.8827

■ 251.1240,
-14.8511, 3.3993

■ 82.4180, -37.6741,
-2.9976

■ 254.4300, -2.1840,
0.4999

■ 60.1710, -29.6643,
-5.4120

■ 39.4940, -19.4705,
-8.3262

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 188.1300,
-37.5321, -1.8680

■ 188.1300,
-37.5321, -1.8680

■ 184.6540,
-45.6784, -2.3276

■ 191.6060,
-29.3858, -1.4085

■ 181.0640,
-54.2616, -2.6871

■ 195.1960,
-20.8026, -1.0489

■ 177.5880,
-62.4079, -3.1467

■ 198.6720,
-12.6563, -0.5893

■ 173.9980,
-70.9910, -3.5062

■ 202.2620, -4.0732,
-0.2298

■ 170.5220,
-79.1373, -3.9658

■ 205.7380, 4.0732,
0.2298

■ 168.7840,
-83.2105, -4.1956

■ 209.2140, 12.2195,
0.6893

■ 212.8040, 20.8026,
1.0489

■ 214.0000, 20.2130,
3.5080

■ 215.1960, 19.6234,
5.9671

Harmonies

Analogous

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



192.2700, -43.0241, 33.0892



188.1300, -37.5321, -1.8680



181.5730, -19.5095, -42.5985

Triad

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



188.1300, -37.5321, -1.8680



154.1010, 49.7432, -135.1466



193.5350, 5.6522, 53.9048

Complementary

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



188.1300, -37.5321, -1.8680



127.8700, 37.5321, 1.8680

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.



201.0180, 23.1621, 37.6952



188.1300, -37.5321, -1.8680



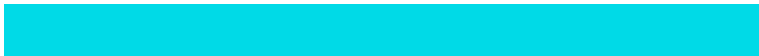
179.9360, 37.0066, -63.0879

Square

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



188.1300, -37.5321, -1.8680



154.3000, 37.8131, -135.3211



195.0510, 29.5549, -6.1837



189.5790, -14.5824, 57.3742

Rectangle

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



188.1300, -37.5321, -1.8680



173.3700, -1.6614, -73.9925



195.0510, 29.5549, -6.1837



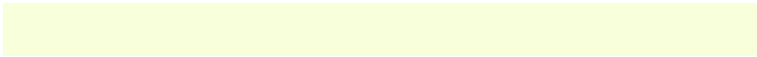
196.4190, 11.6254, 51.3755

Sweetspot

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



188.1300, -37.5321, -1.8680



248.8030, -14.6929, -0.7042



149.4870, -18.4811, 47.8079



123.9970, -8.8725, -0.8744



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.



188.1300, -37.5321, -1.8680



231.1950, -56.2981, -2.8020



174.6750, -30.8988, -29.5330



100.2620, -4.0732, -0.2298



137.2090, -67.6440, -3.6913



31.5750, -15.5665, -0.5043

Inverse Universe

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



127.8700, 37.5321, 1.8680



140.8050, 56.2981, 2.8020



141.3250, 30.8988, 29.5330



93.7380, 4.0732, 0.2298



28.4920, 67.7914, 3.0765



6.4250, 15.5665, 0.5043

Previews

White Background



This preview shows how the YUV color 188.1300, -37.5321, -1.8680 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 188.1300, -37.5321, -1.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

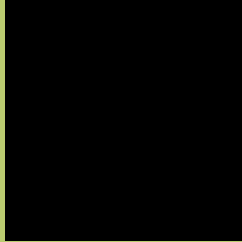
Any Text WCAG AA ✓ Pass

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 188.1300, -37.5321, -1.8680 Background



This preview shows how black text looks on a background with the YUV color 188.1300, -37.5321, -1.8680.



This preview shows how white text looks on a background with the YUV color 188.1300, -37.5321, -1.8680.

-1.8680.

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

188.1300, -37.5321, -1.8680

Protanopia

190.8770, -40.3654, 20.2789

Deuteranopia

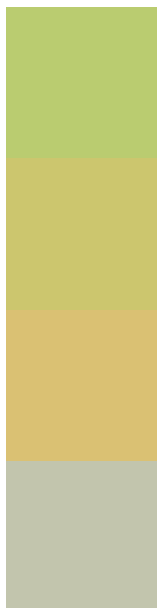
193.2690, -38.0936, 38.3521



Tritanopia

196.2050, 5.8149, 1.5742

Trichromacy



Original Color

188.1300, -37.5321, -1.8680

Protanomaly

189.7620, -39.3227, 12.4867

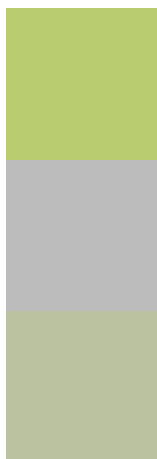
Deuteranomaly

191.5830, -37.7554, 23.1677

Tritanomaly

193.3670, -10.0409, 0.5551

Monochromacy



Original Color

188.1300, -37.5321, -1.8680

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0310, -13.8193, -0.9042

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1300, -37.5321, -1.8680 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(186, 204, 112)` looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 112)  
}
```

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(186, 204, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 112) }
```

Border

The CSS property to change the border of an element to YUV 188.1300, -37.5321, -1.8680 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(186, 204, 112) }
```


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

```
.border{ border-color:rgb(186, 204, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 204, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 204, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 204, 112); box-shadow:4px 4px 4px 4px rgb(186, 204, 112) }
```

Background

The CSS property to change the background color of an element to YUV 188.1300, -37.5321, -1.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 112) }
```

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

```
.background{ background-color: rgb(186,  
204, 112) }
```

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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