

Converting Colors

YUV(187.9470, -66.5289,
58.8055)

Have a look what the booklet for
YUV(187.9470, -66.5289, 58.8055)
contains.

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Color

**YUV(187.9470, -66.5289,
58.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB435
RGB	255, 180, 53
RGB Percent	100%, 71%, 21%
CMY	0.0000, 0.2941, 0.7922
CMYK	0.00, 0.29, 0.79, 0.00
HSL	38°, 100%, 60%
HSV	38°, 79%, 100%
XYZ	58.2039, 54.1596, 10.7543
YIQ	187.9470, 85.4670, -23.5970

Conversions

Conversions Part 2

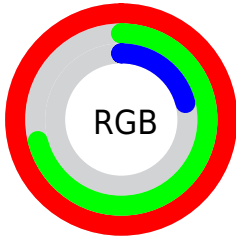
Format	Color
R_{YB}	172, 255, 53
Decimal	16757813
CIE _{Lab}	78.55, 17.03, 70.58
CIE _{LCh}	79, 72.602, 76.433
Yxy	54.1596, 0.4727, 0.4399
Android (android.graphics.Color)	4294947893 (0xFFFFB435)
YUV	187.9470, -66.5289, 58.8055
Hunter-Lab	73.5932, 12.3852, 42.8511

Details

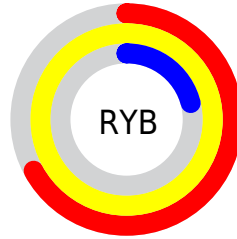
The YUV color **187.9470, -66.5289, 58.8055** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **120.0530, 66.5289, -58.8055**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2030, -58.2741, 24.3780**, and **132.2560, -65.2022, 53.2725** is the 20% darker color. If you saturate the color by 10%, you get **179.7000, -75.2811, 66.0381**, and if you desaturate by 10%, it is **196.1940, -57.7766, 51.5729**.

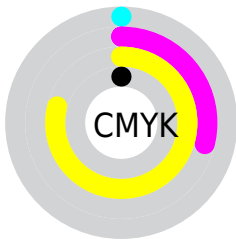
Distribution



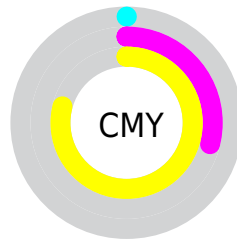
- Red (100%)
- Green (71%)
- Blue (21%)



- Red (67%)
- Yellow (100%)
- Blue (21%)



- Cyan (0%)
- Magenta (29%)
- Yellow (79%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.9470, -66.5289, 58.8055 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 187.9470, -66.5289, 58.8055 by changing the saturation by 10% instead.


 187.9470,
-66.5289, 58.8055


 187.9470,
-66.5289, 58.8055


255.0000, 0.0000,
0.0000

 158.7250,
-69.8704, 57.2462


 227.2030,
-58.2741, 24.3780

 132.2560,
-65.2022, 53.2725


 241.5480,
-51.5422, 11.7974


 108.6110,
-53.5452, 47.6992


 244.7400,
-39.3118, 8.9980

 85.5530, -42.1776,
41.6110

 248.0460,
-26.6447, 6.0987

 63.9680, -31.5362,
35.1081

 251.2380,
-14.4143, 3.2993

 42.6820, -21.0422,
29.2199

254.6580, -1.3104,

 22.2820, -10.9850,

0.2999

23.4317

■ 6.8770, -3.3904,
14.1399

■ 0.0000, 0.0000,
0.0000

■ 187.9470,
-66.5289, 58.8055

■ 187.9470,
-66.5289, 58.8055

■ 179.7000,
-75.2811, 66.0381

■ 196.1940,
-57.7766, 51.5729

■ 170.9800,
-83.3071, 73.6855

■ 204.9140,
-49.7506, 43.9254

■ 170.1650,
-83.8913, 74.4003

■ 213.1610,
-40.9984, 36.6928

■ 221.8810,
-32.9723, 29.0454

■ 230.0140,
-24.6569, 21.9127

■ 238.8480,
-16.1941, 14.1653

■ 247.0950, -7.4418,
6.9327

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



177.3420, -38.6226, 68.1061



187.9470, -66.5289, 58.8055



182.1660, -65.6508, 10.3784

Triad

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



187.9470, -66.5289, 58.8055



159.5830, 35.2086, -139.9543



196.2450, 28.9662, 42.7581

Complementary

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



187.9470, -66.5289, 58.8055



120.0530, 66.5289, -58.8055

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.



180.6770, 36.6412, -39.1817



187.9470, -66.5289, 58.8055



159.9710, 46.8493, -140.2946

Square

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



187.9470, -66.5289, 58.8055



150.3150, 4.7747, -131.8263



152.9270, 50.3220, -134.1170



181.4820, 22.9334, 64.4753

Rectangle

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



187.9470, -66.5289, 58.8055



177.1640, -49.3809, -28.2078



152.9270, 50.3220, -134.1170



193.4440, 30.3471, 19.7816

Sweetspot

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



187.9470, -66.5289, 58.8055



234.5450, -19.9887, 17.9390



122.1760, 3.8572, 116.4866



115.5640, -12.1101, 10.9064



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.



187.9470, -66.5289, 58.8055



174.5820, -79.6599, 70.5266



224.7960, -84.6954, 5.4409



123.5830, -4.2314, 3.8737



127.5490, -62.8817, 55.6465



42.6160, -21.0097, 18.7538

Inverse Universe

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



120.0530, 66.5289, -58.8055



93.4180, 79.6599, -70.5266



83.2040, 84.6954, -5.4409



118.8300, 4.5208, -3.3589



63.4510, 62.8817, -55.6465



21.3840, 21.0097, -18.7538

Previews

White Background



This preview shows how the YUV color 187.9470, -66.5289, 58.8055 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 187.9470, -66.5289, 58.8055 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 187.9470, -66.5289, 58.8055

Background



This preview shows how black text looks on a background with the YUV color 187.9470, -66.5289, 58.8055.



This preview shows how white text looks on a background with the YUV color 187.9470, -66.5289, 58.8055.

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

187.9470, -66.5289, 58.8055

Protanopia

186.1450, -63.6685, 27.9368

Deuteranopia

187.6640, -67.3754, 50.2837



Tritanopia

198.0710, -7.4300, 49.9267

Trichromacy



Original Color

187.9470, -66.5289, 58.8055

Protanomaly

186.9830, -64.5746, 38.6029

Deuteranomaly

187.8000, -66.9494, 53.6724

Tritanomaly

194.4740, -28.8277, 53.0813

Monochromacy



Original Color

187.9470, -66.5289, 58.8055

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8290, -24.0727, 21.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9470, -66.5289, 58.8055 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(255, 180, 53)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 53)  
}
```

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(255, 180, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 53) }
```

Border

The CSS property to change the border of an element to YUV 187.9470, -66.5289, 58.8055 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(255, 180, 53) }
```


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

```
.border{ border-color:rgb(255, 180, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 53);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 187.9470, -66.5289, 58.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 53) }
```

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

```
.background{ background-color: rgb(255,  
180, 53) }
```

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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