

Converting Colors

YUV(190.1170, -34.0747,
56.0254)

Have a look what the booklet for
YUV(190.1170, -34.0747, 56.0254)
contains.

YUV(190.1170, -34.0747, 56.0254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(190.1170, -34.0747,
56.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAB79
RGB	254, 171, 121
RGB Percent	100%, 67%, 47%
CMY	0.0039, 0.3294, 0.5255
CMYK	0.00, 0.33, 0.52, 0.00
HSL	23°, 99%, 74%
HSV	23°, 52%, 100%
XYZ	58.8872, 51.5771, 24.9409
YIQ	190.1170, 65.5180, 2.0460

Conversions

Conversions Part 2

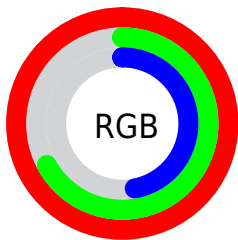
Format	Color
RYB	254, 201, 121
Decimal	16690041
CIELab	77.03, 25.27, 38.02
CIELCh	77, 45.652, 56.390
Yxy	51.5771, 0.4349, 0.3809
Android (android.graphics.Color)	4294880121 (0xFFFEAB79)
YUV	190.1170, -34.0747, 56.0254
Hunter-Lab	71.8172, 20.6825, 29.6817

Details

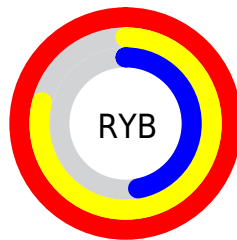
The YUV color $190.1170, -34.0747, 56.0254$ is a light color, and the websafe version is hex FF9966 . A complement of this color would be $184.8830, 34.0747, -56.0254$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.3300, -27.2777, 22.5126$, and $135.3660, -31.7324, 51.4220$ is the 20% darker color. If you saturate the color by 10%, you get $177.8750, -40.3644, 66.7616$, and if you desaturate by 10%, it is $202.3590, -27.7850, 45.2892$.

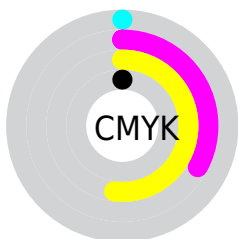
Distribution



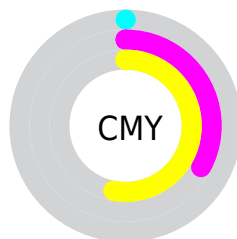
- Red (100%)
- Green (67%)
- Blue (47%)



- Red (100%)
- Yellow (79%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1170, -34.0747, 56.0254 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 190.1170, -34.0747, 56.0254 by changing the saturation by 10% instead.

190.1170,
-34.0747, 56.0254

190.1170,
-34.0747, 56.0254

255.0000, 0.0000,
0.0000

162.4480,
-32.7589, 53.9811

229.3300,
-27.2777, 22.5126

135.3660,
-31.7324, 51.4220

248.9580,
-23.1503, 5.2988

109.3980,
-30.2692, 48.7630

252.1500,
-10.9200, 2.4994

83.9030, -29.5322,
45.6891

59.2940, -29.2319,
42.7152

37.4210, -18.4486,
37.3418

16.4340, -8.1020,

32.0684

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 190.1170,
-34.0747, 56.0254

■ 190.1170,
-34.0747, 56.0254

■ 177.8750,
-40.3644, 66.7616

■ 202.3590,
-27.7850, 45.2892

■ 165.5190,
-47.0909, 77.5978

■ 214.7150,
-21.0585, 34.4529

■ 153.2770,
-53.3806, 88.3341

■ 226.9570,
-14.7688, 23.7167

■ 141.5080,
-60.3964, 98.6555

■ 238.7260, -7.7529,
13.3953

■ 131.7110,
-64.9335, 107.2475

■ 250.9680, -1.4632,
2.6591

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



187.2480, -15.8983, 59.4185



190.1170, -34.0747, 56.0254



187.5300, -40.6873, 30.2302

Triad

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



190.1170, -34.0747, 56.0254



163.8440, 9.4439, -89.3172



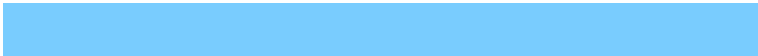
191.2300, 31.4386, -3.7097

Complementary

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



190.1170, -34.0747, 56.0254



184.8830, 34.0747, -56.0254

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.



178.2080, 37.8585, -56.3104



190.1170, -34.0747, 56.0254



150.2080, 37.3655, -131.7324

Square

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



190.1170, -34.0747, 56.0254



176.8550, -17.1835, -41.9688



150.5790, 51.4796, -132.0578



195.7360, 20.8362, 37.0655

Rectangle

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



190.1170, -34.0747, 56.0254



184.6690, -38.2908, 8.1833



150.5790, 51.4796, -132.0578



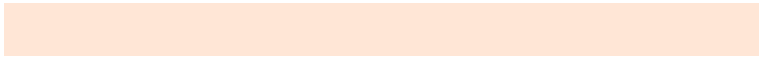
187.5870, 33.2346, -19.8088

Sweetspot

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



190.1170, -34.0747, 56.0254



235.6510, -10.6739, 16.9691



170.3430, 17.0859, 73.3672



115.7580, -6.2897, 10.7362



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.



190.1170, -34.0747, 56.0254



177.9460, -41.3854, 67.5764



228.2720, -52.8851, 22.5635



121.8220, -3.3632, 5.4181



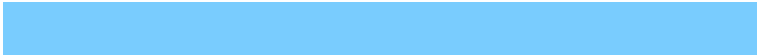
99.3730, -48.9909, 80.3569



33.2240, -16.3794, 26.9906

Inverse Universe

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



184.8830, 34.0747, -56.0254



171.6410, 41.0960, -68.0912



146.7280, 52.8851, -22.5635



121.1780, 3.3632, -5.4181



91.6270, 48.9909, -80.3569



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 190.1170, -34.0747, 56.0254 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 190.1170, -34.0747, 56.0254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

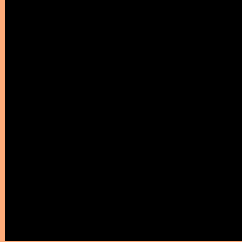
Any Text WCAG AA ✓ Pass

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 190.1170, -34.0747, 56.0254 Background



This preview shows how black text looks on a background with the YUV color 190.1170, -34.0747, 56.0254.



This preview shows how white text looks on a background with the YUV color 190.1170, -34.0747,

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

190.1170, -34.0747, 56.0254

Protanopia

187.8300, -29.0032, 15.9351

Deuteranopia

189.1700, -34.5938, 35.8079



Tritanopia

193.8650, -8.3144, 53.6154

Trichromacy



Original Color

190.1170, -34.0747, 56.0254

Protanomaly

188.4620, -30.7938, 30.2898

Deuteranomaly

189.6270, -34.3261, 43.3001

Tritanomaly

192.7590, -17.6292, 54.5854

Monochromacy



Original Color

190.1170, -34.0747, 56.0254

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9180, -12.2846, 20.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1170, -34.0747, 56.0254 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(254, 171, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 171, 121)  
}
```

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(254, 171, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 171, 121) }
```

Border

The CSS property to change the border of an element to YUV 190.1170, -34.0747, 56.0254 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(254, 171, 121) }
```


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

```
.border{ border-color:rgb(254, 171, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 171, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 171, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 171, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 171,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 190.1170, -34.0747, 56.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 171, 121) }
```

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

```
.background{ background-color: rgb(254,  
171, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor