

Converting Colors

YUV(199.8680, -39.8679,
47.4738)

Have a look what the booklet for
YUV(199.8680, -39.8679, 47.4738)
contains.

YUV(199.8680, -39.8679, 47.4738)	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(199.8680, -39.8679,
47.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBC77
RGB	254, 188, 119
RGB Percent	100%, 74%, 47%
CMY	0.0039, 0.2627, 0.5333
CMYK	0.00, 0.26, 0.53, 0.00
HSL	31°, 99%, 73%
HSV	31°, 53%, 100%
XYZ	62.1860, 58.3692, 25.4416
YIQ	199.8680, 61.4850, -7.4670

Conversions

Conversions Part 2

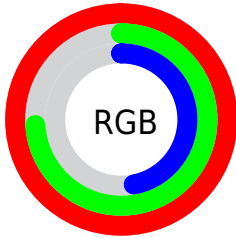
Format	Color
R_{YB}	248, 254, 119
Decimal	16694391
CIE _{Lab}	80.94, 16.20, 43.96
CIE _{LCh}	81, 46.851, 69.765
Yxy	58.3692, 0.4259, 0.3998
Android (android.graphics.Color)	4294884471 (0xFFFEBC77)
YUV	199.8680, -39.8679, 47.4738
Hunter-Lab	76.3997, 11.5917, 33.7359

Details

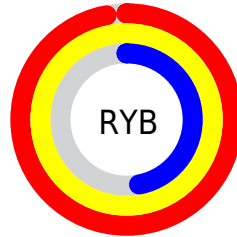
The YUV color **199.8680, -39.8679, 47.4738** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **173.1320, 39.8679, -47.4738**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0810, -33.0709, 13.9610**, and **145.1170, -37.5257, 42.8704** is the 20% darker color. If you saturate the color by 10%, you get **189.9740, -47.3152, 56.1508**, and if you desaturate by 10%, it is **209.7620, -32.4207, 38.7967**.

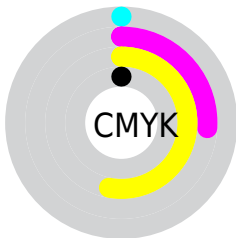
Distribution



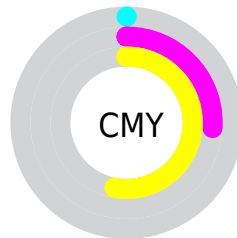
- Red (100%)
- Green (74%)
- Blue (47%)



- Red (97%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8680, -39.8679, 47.4738 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 199.8680, -39.8679, 47.4738 by changing the saturation by 10% instead.

199.8680,
-39.8679, 47.4738

199.8680,
-39.8679, 47.4738

255.0000, 0.0000,
0.0000

172.0850,
-38.9889, 45.5295

239.0810,
-33.0709, 13.9610

145.1170,
-37.5257, 42.8704

248.7300,
-24.0239, 5.4988

118.3340,
-36.6467, 40.9261

251.9220,
-11.7935, 2.6994

93.0240, -36.4938,
38.5670

68.9850, -34.0096,
35.0932

47.9980, -23.6630,
29.8198

27.5980, -13.6058,

24.0316

■ 9.5680, -4.7170,
19.6729

■ 0.0000, 0.0000,
0.0000

■ 199.8680,
-39.8679, 47.4738

■ 199.8680,
-39.8679, 47.4738

■ 189.9740,
-47.3152, 56.1508

■ 209.7620,
-32.4207, 38.7967

■ 179.3790,
-54.9098, 65.4426

■ 220.3570,
-24.8260, 29.5049

■ 169.4850,
-62.3571, 74.1197

■ 230.2510,
-17.3787, 20.8279

■ 158.8900,
-69.9518, 83.4115

■ 240.8460, -9.7841,
11.5361

152.2560,
-75.0622, 89.2295

250.7400, -2.3368,
2.8590

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.



195.1410, -23.7335, 52.4963



199.8680, -39.8679, 47.4738



196.3280, -41.0807, 16.3753

Triad

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



199.8680, -39.8679, 47.4738



159.4720, 26.8823, -129.3329



204.0540, 25.1164, 17.4926

Complementary

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



199.8680, -39.8679, 47.4738



173.1320, 39.8679, -47.4738

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.



194.5980, 29.7782, -31.2194



199.8680, -39.8679, 47.4738



159.3840, 47.1387, -139.7798

Square

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



199.8680, -39.8679, 47.4738



182.4700, -6.6407, -63.5562



175.6180, 39.1353, -92.6270



202.4830, 14.5519, 46.0574

Rectangle

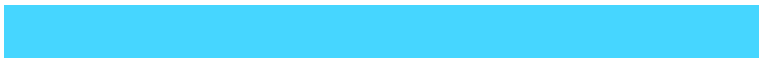
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.8680, -39.8679, 47.4738



192.8950, -34.4582, -7.8009



175.6180, 39.1353, -92.6270



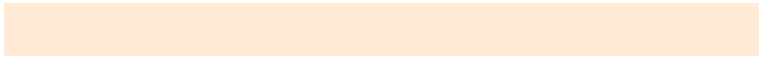
201.8950, 26.1808, 2.7231

Sweetspot

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



199.8680, -39.8679, 47.4738



238.5860, -12.1209, 14.3951



167.1170, 9.8023, 76.1964



118.1060, -7.4473, 8.6770



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.



199.8680, -39.8679, 47.4738



189.4580, -48.0468, 57.4803



238.6100, -58.9677, 13.4970



122.4090, -3.6526, 4.9033



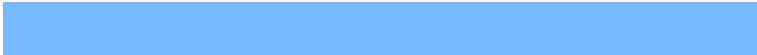
114.6350, -56.5151, 66.9721



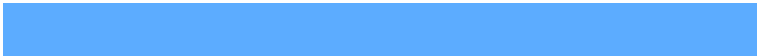
38.5070, -18.9840, 22.3574

Inverse Universe

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



173.1320, 39.8679, -47.4738



157.5420, 48.0468, -57.4803



134.3900, 58.9677, -13.4970



120.0040, 3.9420, -4.3885



76.3650, 56.5151, -66.9721



25.4930, 18.9840, -22.3574

Previews

White Background



This preview shows how the YUV color 199.8680, -39.8679, 47.4738 looks on a white background.

Color Contrast Check

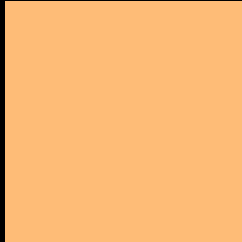
Large Text (above 18pt) WCAG AA × Fail

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 199.8680, -39.8679, 47.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

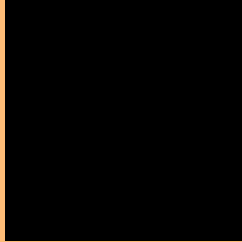
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.8680, -39.8679, 47.4738

Background



This preview shows how black text looks on a background with the YUV color 199.8680, -39.8679, 47.4738.



This preview shows how white text looks on a background with the YUV color 199.8680, -39.8679, 47.4738.

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

199.8680, -39.8679, 47.4738

Protanopia

197.9030, -36.4342, 19.3791

Deuteranopia

199.4110, -40.1356, 39.9816



Tritanopia

204.6080, -5.2297, 44.1938

Trichromacy



Original Color

199.8680, -39.8679, 47.4738

Protanomaly

198.3280, -37.6297, 29.5303

Deuteranomaly

199.7210, -40.2885, 42.3407

Tritanomaly

203.2910, -17.8915, 45.3488

Monochromacy



Original Color

199.8680, -39.8679, 47.4738

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.3260, -14.4577, 17.2541

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8680, -39.8679, 47.4738 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, 188, 119)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 119)  
}
```

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, 188, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 119) }
```

Border

The CSS property to change the border of an element to YUV 199.8680, -39.8679, 47.4738 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, 188, 119) }
```


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

```
.border{ border-color:rgb(254, 188, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 188, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 119);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 199.8680, -39.8679, 47.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 119) }
```

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

```
.background{ background-color: rgb(254,  
188, 119) }
```

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