

Converting Colors

YUV(219.1190, -50.8377,
19.1896)

Have a look what the booklet for
YUV(219.1190, -50.8377, 19.1896)
contains.

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Color

**YUV(219.1190, -50.8377,
19.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E474
RGB	241, 228, 116
RGB Percent	95%, 89%, 45%
CMY	0.0549, 0.1059, 0.5451
CMYK	0.00, 0.05, 0.52, 0.05
HSL	54°, 82%, 70%
HSV	54°, 52%, 95%
XYZ	67.1714, 75.4485, 27.5457
YIQ	219.1190, 43.7000, -32.0760

Conversions

Conversions Part 2

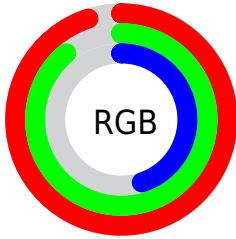
Format	Color
RYB	131, 241, 116
Decimal	15852660
CIELab	89.60, -9.82, 55.58
CIELCh	90, 56.442, 100.016
Yxy	75.4485, 0.3947, 0.4434
Android (android.graphics.Color)	4294042740 (0xFFFF1E474)
YUV	219.1190, -50.8377, 19.1896
Hunter-Lab	86.8611, -13.9694, 42.0005

Details

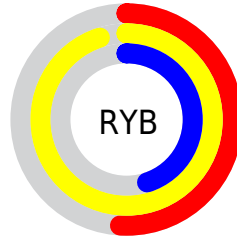
The YUV color $219.1190, -50.8377, 19.1896$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $137.8810, 50.8377, -19.1896$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4240, -36.6910, 8.3982$, and $163.4500, -49.5218, 17.1454$ is the 20% darker color. If you saturate the color by 10%, you get $214.6220, -60.4526, 23.1335$, and if you desaturate by 10%, it is $223.6160, -41.2227, 15.2458$.

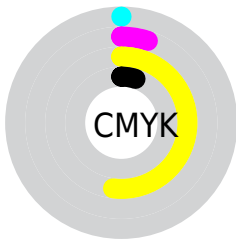
Distribution



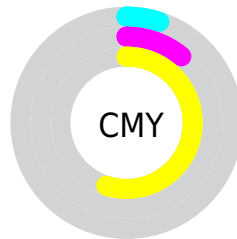
- Red (95%)
- Green (89%)
- Blue (45%)



- Red (51%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.1190, -50.8377, 19.1896 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 219.1190, -50.8377, 19.1896 by changing the saturation by 10% instead.

■ 219.1190,
-50.8377, 19.1896

■ 219.1190,
-50.8377, 19.1896

■ 255.0000, 0.0000,
0.0000

■ 190.9340,
-50.2535, 18.4749

■ 245.4240,
-36.6910, 8.3982

■ 163.4500,
-49.5218, 17.1454

■ 248.6160,
-24.4607, 5.5988

■ 135.7380,
-49.6638, 16.0158

■ 251.8080,
-12.2303, 2.7994

■ 108.7010,
-53.5896, 15.1712

■ 85.9530, -42.3748,
11.4422

■ 64.6780, -31.8863,
7.2984

■ 43.4030, -21.3977,

3.1546

■ 24.4870, -12.0721,
-1.3041

■ 0.0000, 0.0000,
0.0000

■ 219.1190,
-50.8377, 19.1896

■ 219.1190,
-50.8377, 19.1896

■ 214.6220,
-60.4526, 23.1335

■ 223.6160,
-41.2227, 15.2458

■ 210.7120,
-70.3570, 26.5626

■ 227.5260,
-31.3183, 11.8167

■ 206.2150,
-79.9720, 30.5064

■ 232.0230,
-21.7033, 7.8728

■ 202.3050,
-89.8764, 33.9355

■ 235.9330,
-11.7990, 4.4438

■ 198.8510,
-98.0335, 36.9647

■ 240.4300, -2.1840,
0.4999

■ 243.7700, 5.5364,
-2.4293

■ 245.5310, 4.6682,
-3.9737

■ 246.7050, 4.0894,
-5.0033

■ 248.4660, 3.2213,
-6.5477

Harmonies

Analogous

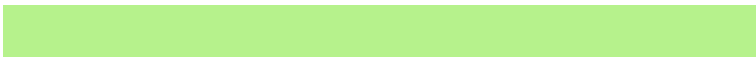
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.0640, -43.9086, 36.7779



219.1190, -50.8377, 19.1896



212.4320, -35.7090, -26.6889

Triad

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



219.1190, -50.8377, 19.1896



175.8200, 39.0357, -154.1941



215.0840, 19.6786, 35.0063

Complementary

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



219.1190, -50.8377, 19.1896



137.8810, 50.8377, -19.1896

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.



224.7640, 14.9063, 25.6400



219.1190, -50.8377, 19.1896



170.5370, 41.6403, -149.5609

Square

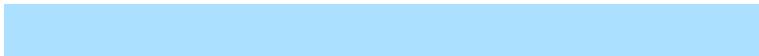
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.1190, -50.8377, 19.1896



176.0990, 32.4892, -154.4388



212.2740, 21.0639, -36.1973



206.3180, 1.3222, 42.6941

Rectangle

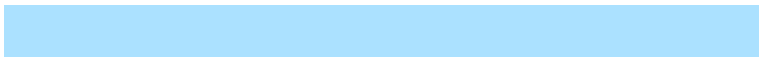
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.1190, -50.8377, 19.1896



205.5060, -17.9975, -60.9568



212.2740, 21.0639, -36.1973



218.0190, 18.2316, 32.4323

Sweetspot

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



219.1190, -50.8377, 19.1896



247.9780, -16.7512, 6.1583



155.0850, -11.8739, 75.3475



123.3890, -10.0518, 4.0438



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.



219.1190, -50.8377, 19.1896



227.5960, -64.3838, 24.0333



212.3980, -47.5242, -17.0120



118.0450, -4.9522, 1.7145



151.8710, -74.8724, 28.1771



46.0940, -22.7243, 8.6876

Inverse Universe

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



137.8810, 50.8377, -19.1896



124.4040, 64.3838, -24.0333



144.6020, 47.5242, 17.0120



109.9550, 4.9522, -1.7145



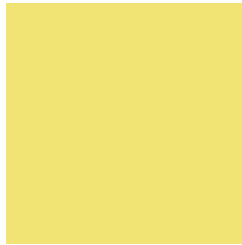
32.1290, 74.8724, -28.1771



9.9060, 22.7243, -8.6876

Previews

White Background



This preview shows how the YUV color 219.1190, -50.8377, 19.1896 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 219.1190, -50.8377, 19.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

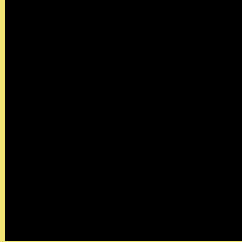
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 219.1190, -50.8377, 19.1896

Background



This preview shows how black text looks on a background with the YUV color 219.1190, -50.8377, 19.1896.



This preview shows how white text looks on a background with the YUV color 219.1190, -50.8377, 19.1896.

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

219.1190, -50.8377, 19.1896

Protanopia

219.6360, -51.5855, 25.7522

Deuteranopia

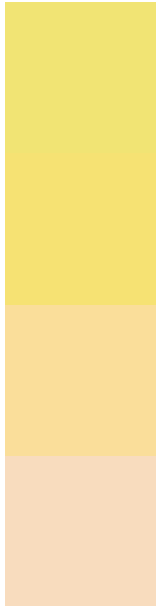
224.8620, -24.0890, 26.4310



Tritanopia

228.0010, 1.9715, 21.0471

Trichromacy



Original Color

219.1190, -50.8377, 19.1896

Protanomaly

219.3260, -51.4327, 23.3931

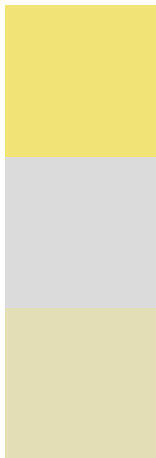
Deuteranomaly

222.6200, -33.8297, 24.0123

Tritanomaly

224.9520, -17.2313, 20.2131

Monochromacy



Original Color

219.1190, -50.8377, 19.1896

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.9350, -18.2090, 7.0730

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.1190, -50.8377, 19.1896 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(241, 228, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 228, 116)  
}
```

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(241, 228, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 116) }
```

Border

The CSS property to change the border of an element to YUV 219.1190, -50.8377, 19.1896 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(241, 228, 116) }
```


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

```
.border{ border-color:rgb(241, 228, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 228, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 228, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 228, 116);  
box-shadow:4px 4px 4px 4px rgb(241, 228,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 219.1190, -50.8377, 19.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 228, 116) }
```

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

```
.background{ background-color: rgb(241,  
228, 116) }
```

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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