

Converting Colors

YUV(210.9010, -46.7862,
26.3968)

Have a look what the booklet for
YUV(210.9010, -46.7862, 26.3968)
contains.

YUV(210.9010, -46.7862, 26.3968)	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(210.9010, -46.7862,
26.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D674
RGB	241, 214, 116
RGB Percent	95%, 84%, 45%
CMY	0.0549, 0.1608, 0.5451
CMYK	0.00, 0.11, 0.52, 0.05
HSL	47°, 82%, 70%
HSV	47°, 52%, 95%
XYZ	63.4746, 68.0549, 26.3134
YIQ	210.9010, 47.5500, -24.7540

Conversions

Conversions Part 2

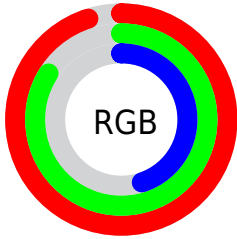
Format	Color
RYB	150, 241, 116
Decimal	15849076
CIELab	86.03, -2.76, 51.34
CIElCh	86, 51.418, 93.075
Yxy	68.0549, 0.4021, 0.4312
Android (android.graphics.Color)	4294039156 (0xFFFF1D674)
YUV	210.9010, -46.7862, 26.3968
Hunter-Lab	82.4954, -7.0233, 38.8351

Details

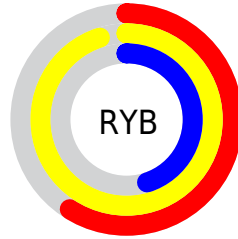
The YUV color $210.9010, -46.7862, 26.3968$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $146.0990, 46.7862, -26.3968$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.3100, -37.1278, 8.4981$, and $155.9330, -45.3230, 23.7378$ is the 20% darker color. If you saturate the color by 10%, you get $205.2300, -55.8224, 31.3703$, and if you desaturate by 10%, it is $216.5720, -37.7500, 21.4234$.

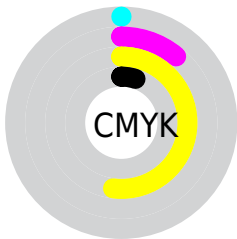
Distribution



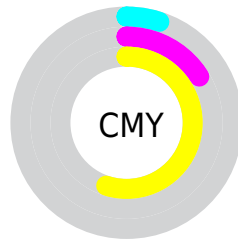
- Red (95%)
- Green (84%)
- Blue (45%)



- Red (59%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (11%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.9010, -46.7862, 26.3968 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 210.9010, -46.7862, 26.3968 by changing the saturation by 10% instead.

■ 210.9010,
-46.7862, 26.3968

■ 210.9010,
-46.7862, 26.3968

255.0000, 0.0000,
0.0000

■ 182.5310,
-45.6178, 24.9673

■ 245.3100,
-37.1278, 8.4981

■ 155.9330,
-45.3230, 23.7378

■ 248.5020,
-24.8975, 5.6987

■ 129.0360,
-44.8807, 21.8934

■ 251.8080,
-12.2303, 2.7994

■ 101.6400,
-47.6435, 21.3637

■ 78.9090, -38.9021,
17.6198

■ 57.6340, -28.4136,
13.4760

■ 37.5330, -18.5038,

8.3026

■ 18.3180, -9.0308,
3.2291

■ 0.0000, 0.0000,
0.0000

■ 210.9010,
-46.7862, 26.3968

■ 210.9010,
-46.7862, 26.3968

■ 205.2300,
-55.8224, 31.3703

■ 216.5720,
-37.7500, 21.4234

■ 199.5590,
-64.8586, 36.3438

■ 222.2430,
-28.7138, 16.4499

■ 193.3010,
-73.6054, 41.8320

■ 228.5010,
-19.9670, 10.9616

■ 187.6300,
-82.6416, 46.8055

■ 234.1720,
-10.9308, 5.9882

■ 183.0020,
-90.2200, 50.8642

■ 239.8430, -1.8946,
1.0147

■ 244.9440, 4.9576,
-3.4589

■ 247.8790, 3.5107,
-6.0329

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



206.5900, -38.2519, 42.4556



210.9010, -46.7862, 26.3968



205.5800, -36.7679, -13.6637

Triad

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



210.9010, -46.7862, 26.3968



169.3630, 42.2190, -148.5314



213.3230, 20.5468, 36.5507

Complementary

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



210.9010, -46.7862, 26.3968



146.0990, 46.7862, -26.3968

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.



214.9300, 19.7545, 10.5854



210.9010, -46.7862, 26.3968



165.2540, 44.2448, -144.9278

Square

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



210.9010, -46.7862, 26.3968



174.5060, 21.9355, -129.3628



200.9890, 26.6274, -47.3484



203.7250, 4.0796, 44.9682

Rectangle

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



210.9010, -46.7862, 26.3968



200.7640, -22.5617, -43.6430



200.9890, 26.6274, -47.3484



216.2580, 19.0998, 33.9767

Sweetspot

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



210.9010, -46.7862, 26.3968



245.0430, -15.3042, 8.7323



156.4530, -6.6323, 74.1477



121.6280, -9.1836, 5.5882



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.



210.9010, -46.7862, 26.3968



217.0300, -59.1748, 33.2997



216.2850, -49.4405, -9.0199



116.8710, -4.3734, 2.7441



139.5440, -68.7952, 38.9879



42.5720, -20.9880, 11.7764

Inverse Universe

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



146.0990, 46.7862, -26.3968



134.9700, 59.1748, -33.2997



140.7150, 49.4405, 9.0199



110.5420, 4.6628, -2.2293



44.4560, 68.7952, -38.9879



13.4280, 20.9880, -11.7764

Previews

White Background



This preview shows how the YUV color 210.9010, -46.7862, 26.3968 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 210.9010, -46.7862, 26.3968 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 210.9010, -46.7862, 26.3968 Background



This preview shows how black text looks on a background with the YUV color 210.9010, -46.7862, 26.3968.



This preview shows how white text looks on a background with the YUV color 210.9010, -46.7862, 26.3968.

26.3968.

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

210.9010, -46.7862, 26.3968

Protanopia

210.2920, -46.4860, 23.4229

Deuteranopia

214.0560, -35.0306, 35.9079



Tritanopia

218.4750, -0.2342, 28.5244

Trichromacy



Original Color

210.9010, -46.7862, 26.3968

Protanomaly

210.5910, -46.6334, 24.0377

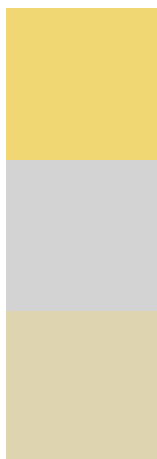
Deuteranomaly

213.1820, -39.5297, 32.2894

Tritanomaly

215.4090, -16.9636, 27.7053

Monochromacy



Original Color

210.9010, -46.7862, 26.3968

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.8860, -17.1988, 9.7470

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.9010, -46.7862, 26.3968 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, 214, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 214, 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, 214, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 214, 116) }
```

Border

The CSS property to change the border of an element to YUV 210.9010, -46.7862, 26.3968 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, 214, 116) }
```


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

```
.border{ border-color:rgb(241, 214, 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, 214, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 214, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 214, 116);  
box-shadow:4px 4px 4px 4px rgb(241, 214,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 210.9010, -46.7862, 26.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 214, 116) }
```

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

```
.background{ background-color: rgb(241,  
214, 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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