

Converting Colors

YUV(225.9610, -47.8018,
25.4672)

Have a look what the booklet for
YUV(225.9610, -47.8018, 25.4672)
contains.

YUV(225.9610, -47.8018, 25.4672)	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(225.9610, -47.8018,
25.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE681
RGB	255, 230, 129
RGB Percent	100%, 90%, 51%
CMY	0.0000, 0.0980, 0.4941
CMYK	0.00, 0.10, 0.49, 0.00
HSL	48°, 100%, 75%
HSV	48°, 49%, 100%
XYZ	73.4993, 79.4386, 32.2282
YIQ	225.9610, 47.3210, -26.1110

Conversions

Conversions Part 2

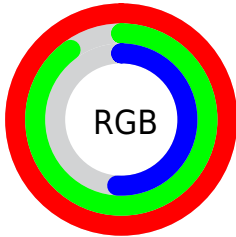
Format	Color
RYB	160, 255, 129
Decimal	16770689
CIELab	91.43, -4.14, 51.94
CIELCh	91, 52.105, 94.552
Yxy	79.4386, 0.3969, 0.4290
Android (android.graphics.Color)	4294960769 (0xFFFFE681)
YUV	225.9610, -47.8018, 25.4672
Hunter-Lab	89.1283, -8.7754, 40.9510

Details

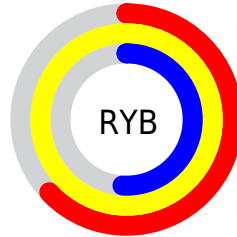
The YUV color **225.9610, -47.8018, 25.4672** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **158.0390, 47.8018, -25.4672**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9060, -31.0127, 7.0984**, and **170.1070, -45.9018, 22.7082** is the 20% darker color. If you saturate the color by 10%, you get **220.1760, -57.2748, 30.5406**, and if you desaturate by 10%, it is **231.8600, -37.8920, 20.2938**.

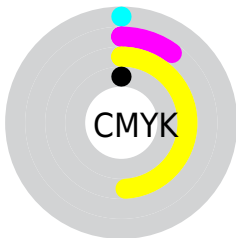
Distribution



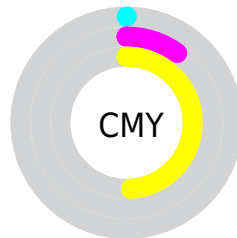
- Red (100%)
- Green (90%)
- Blue (51%)



- Red (63%)
- Yellow (100%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.9610, -47.8018, 25.4672 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 225.9610, -47.8018, 25.4672 by changing the saturation by 10% instead.

225.9610,
-47.8018, 25.4672

225.9610,
-47.8018, 25.4672

255.0000, 0.0000,
0.0000

197.5910,
-46.6334, 24.0377

246.9060,
-31.0127, 7.0984

170.1070,
-45.9018, 22.7082

250.0980,
-18.7823, 4.2991

142.6230,
-45.1701, 21.3786

253.4040, -6.1152,
1.3997

116.2700,
-46.4751, 19.9342

91.0140, -44.8699,
18.4047

69.1520, -34.0919,
14.7757

48.1650, -23.7453,

9.5023

■ 28.3630, -13.9830,
4.9436

■ 4.6960, -2.3151,
-4.1184

■ 225.9610,
-47.8018, 25.4672

■ 225.9610,
-47.8018, 25.4672

■ 220.1760,
-57.2748, 30.5406

■ 231.8600,
-37.8920, 20.2938

■ 214.2770,
-67.1846, 35.7141

■ 237.6450,
-28.4190, 15.2203

■ 208.4920,
-76.6576, 40.7875

■ 243.5440,
-18.5092, 10.0469

■ 202.5930,
-86.5673, 45.9609

■ 249.3290, -9.0362,
4.9735

■ 196.8080,
-96.0403, 51.0344

255.0000, 0.0000,
0.0000

■ 195.9930,
-96.6245, 51.7491

Harmonies

Analogous

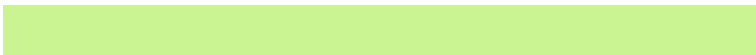
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.3500, -37.6405, 33.0191



225.9610, -47.8018, 25.4672



220.2700, -36.6151, -16.0228

Triad

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



225.9610, -47.8018, 25.4672



178.7550, 37.5888, -156.7681



221.5410, 16.4953, 29.3435

Complementary

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



225.9610, -47.8018, 25.4672



158.0390, 47.8018, -25.4672

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.



228.8290, 12.9023, 15.0590



225.9610, -47.8018, 25.4672



190.2050, 31.9439, -119.4518

Square

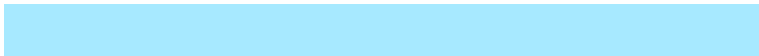
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.9610, -47.8018, 25.4672



191.3540, 22.5035, -124.8445



215.7740, 19.3384, -42.7748



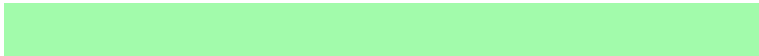
213.4250, 5.7065, 36.4613

Rectangle

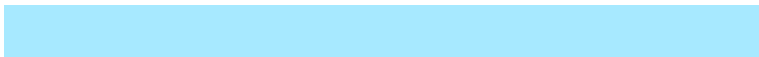
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.9610, -47.8018, 25.4672



215.2690, -21.8246, -46.7169



215.7740, 19.3384, -42.7748



224.4760, 15.0483, 26.7695

Sweetspot

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



225.9610, -47.8018, 25.4672



245.9720, -14.2832, 7.9176



169.5240, -7.6533, 74.9625



122.4430, -8.5994, 4.8735



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

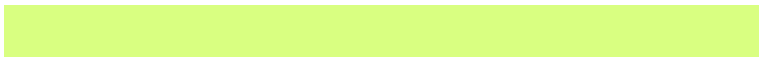
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.9610, -47.8018, 25.4672



220.2900, -56.8380, 30.4407



229.2740, -49.4351, -10.7643



124.7570, -4.8102, 2.8441



146.9200, -72.4316, 38.6582



49.0730, -24.1930, 13.0910

Inverse Universe

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



158.0390, 47.8018, -25.4672



139.1230, 57.1274, -29.9259



154.7260, 49.4351, 10.7643



117.6560, 5.0996, -2.3293



44.0800, 72.4316, -38.6582



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 225.9610, -47.8018, 25.4672 looks on a white background.

Color Contrast Check

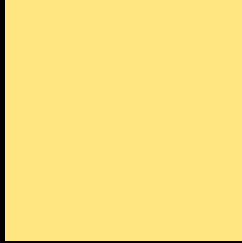
Large Text (above 18pt) WCAG AA × Fail

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 225.9610, -47.8018, 25.4672 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 225.9610, -47.8018, 25.4672 Background



This preview shows how black text looks on a background with the YUV color 225.9610, -47.8018, 25.4672.

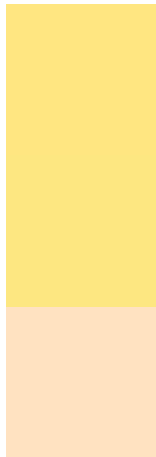


This preview shows how white text looks on a background with the YUV color 225.9610, -47.8018, 25.4672.

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

225.9610, -47.8018, 25.4672

Protanopia

225.9500, -47.7963, 23.7229

Deuteranopia

230.9090, -18.6891, 21.1278



Tritanopia

233.1210, -0.0597, 19.1879

Trichromacy



Original Color

225.9610, -47.8018, 25.4672

Protanomaly

226.2490, -47.9438, 24.3376



Deuteranomaly

228.8740, -29.0249, 22.9125



Tritanomaly

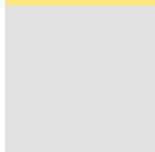
230.5500, -17.5261, 21.4427

Monochromacy



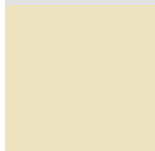
Original Color

225.9610, -47.8018, 25.4672



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

225.8860, -17.1988, 9.7470

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.9610, -47.8018, 25.4672 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, 230, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 129)  
}
```

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, 230, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 129) }
```

Border

The CSS property to change the border of an element to YUV 225.9610, -47.8018, 25.4672 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, 230, 129) }
```


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

```
.border{ border-color:rgb(255, 230, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 225.9610, -47.8018, 25.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 129) }
```

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

```
.background{ background-color: rgb(255,  
230, 129) }
```

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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