

Converting Colors

YUV(221.4470, -54.9434,
29.4260)

Have a look what the booklet for
YUV(221.4470, -54.9434, 29.4260)
contains.

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Color

**YUV(221.4470, -54.9434,
29.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE26E
RGB	255, 226, 110
RGB Percent	100%, 89%, 43%
CMY	0.0000, 0.1137, 0.5686
CMYK	0.00, 0.11, 0.57, 0.00
HSL	48°, 100%, 72%
HSV	48°, 57%, 100%
XYZ	71.2508, 76.7785, 25.8163
YIQ	221.4470, 54.5200, -29.9280

Conversions

Conversions Part 2

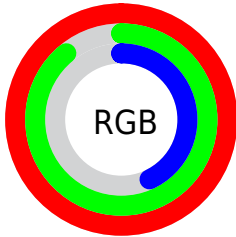
Format	Color
R _Y B	146, 255, 110
Decimal	16769646
CIE Lab	90.22, -3.64, 59.35
CIE LCh	90, 59.462, 93.506
Yxy	76.7785, 0.4099, 0.4416
Android (android.graphics.Color)	4294959726 (0xFFFFE26E)
YUV	221.4470, -54.9434, 29.4260
Hunter-Lab	87.6233, -8.1938, 43.8679

Details

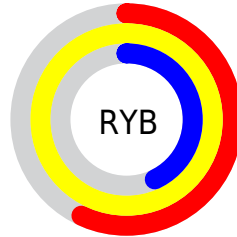
The YUV color $221.4470, -54.9434, 29.4260$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $143.5530, 54.9434, -29.4260$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.7400, -39.3118, 8.9980$, and $165.0660, -53.7695, 26.2521$ is the 20% darker color. If you saturate the color by 10%, you get $215.6620, -64.4164, 34.4994$, and if you desaturate by 10%, it is $227.3460, -45.0336, 24.2526$.

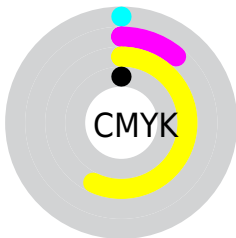
Distribution



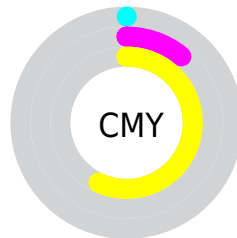
- Red (100%)
- Green (89%)
- Blue (43%)



- Red (57%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (57%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.4470, -54.9434, 29.4260 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 221.4470, -54.9434, 29.4260 by changing the saturation by 10% instead.

221.4470,
-54.9434, 29.4260

221.4470,
-54.9434, 29.4260

255.0000, 0.0000,
0.0000

192.9630,
-54.2118, 28.0964

244.7400,
-39.3118, 8.9980

165.0660,
-53.7695, 26.2521

247.9320,
-27.0815, 6.1986

137.7130,
-55.0745, 24.8077

251.1240,
-14.8511, 3.3993

111.1150,
-54.7797, 23.5781

254.5440, -1.7472,
0.3999

88.6550, -43.7069,
18.7196

66.4940, -32.7815,
14.4758

45.8060, -22.5824,

9.8171

■ 26.5910, -13.1094,
4.7437

■ 1.1740, -0.5788,
-1.0296

■ 221.4470,
-54.9434, 29.4260

■ 221.4470,
-54.9434, 29.4260

■ 215.6620,
-64.4164, 34.4994

■ 227.3460,
-45.0336, 24.2526

■ 209.7630,
-74.3262, 39.6728

■ 233.1310,
-35.5606, 19.1791

■ 203.8640,
-84.2360, 44.8463

■ 239.0300,
-25.6508, 14.0057

■ 198.0790,
-93.7089, 49.9197

■ 244.8150,
-16.1778, 8.9322

■ 195.9930,
-96.6245, 51.7491

■ 251.3010, -6.5574,
3.2440

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



211.5310, -42.1668, 38.1223



221.4470, -54.9434, 29.4260



215.3640, -42.5775, -16.9822

Triad

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



221.4470, -54.9434, 29.4260



178.7550, 37.5888, -156.7681



216.2580, 19.0998, 33.9767

Complementary

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



221.4470, -54.9434, 29.4260



143.5530, 54.9434, -29.4260

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.



224.1000, 15.2337, 13.9443



221.4470, -54.9434, 29.4260



173.4720, 40.1933, -152.1349

Square

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



221.4470, -54.9434, 29.4260



176.1330, 27.5424, -154.4686



207.4240, 23.4550, -56.4998



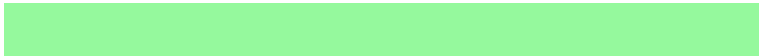
207.2130, 7.2900, 41.9092

Rectangle

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



221.4470, -54.9434, 29.4260



208.6120, -25.4447, -52.2797



207.4240, 23.4550, -56.4998



219.7800, 17.3635, 30.8879

Sweetspot

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



221.4470, -54.9434, 29.4260



244.8150, -16.1778, 8.9322



156.6610, -8.7069, 86.2433



121.5140, -9.6204, 5.6882



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.



221.4470, -54.9434, 29.4260



214.7330, -65.4374, 35.3142



225.3140, -56.8498, -12.5534



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.



143.5530, 54.9434, -29.4260



121.6800, 65.7268, -34.7994



139.3870, 56.9972, 11.9386



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 221.4470, -54.9434, 29.4260 looks on a white background.

Color Contrast Check

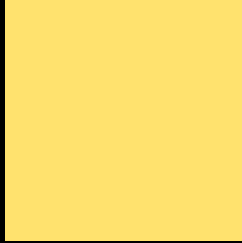
Large Text (above 18pt) WCAG AA × Fail

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 221.4470, -54.9434, 29.4260 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 221.4470, -54.9434, 29.4260

Background



This preview shows how black text looks on a background with the YUV color 221.4470, -54.9434, 29.4260.

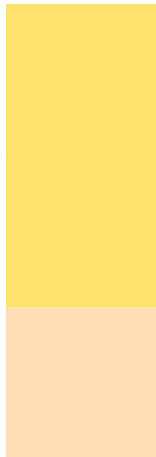


This preview shows how white text looks on a background with the YUV color 221.4470, -54.9434, 29.4260.

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

221.4470, -54.9434, 29.4260

Protanopia

220.8380, -54.6431, 26.4521

Deuteranopia

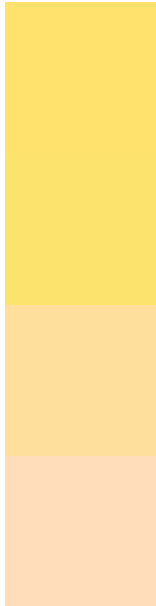
227.1930, -22.7731, 24.3867



Tritanopia

229.7300, -0.3599, 22.1618

Trichromacy



Original Color

221.4470, -54.9434, 29.4260

Protanomaly

221.1370, -54.7905, 27.0669

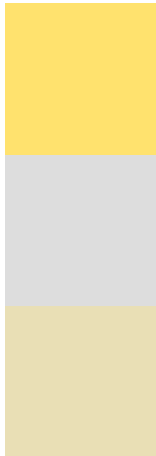
Deuteranomaly

224.8160, -34.4193, 26.4714

Tritanomaly

226.5890, -20.0104, 24.9164

Monochromacy



Original Color

221.4470, -54.9434, 29.4260

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2020, -19.8196, 10.3468

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.4470, -54.9434, 29.4260 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, 226, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 110)  
}
```

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, 226, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 110) }
```

Border

The CSS property to change the border of an element to YUV 221.4470, -54.9434, 29.4260 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, 226, 110) }
```


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

```
.border{ border-color:rgb(255, 226, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 221.4470, -54.9434, 29.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 110) }
```

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

```
.background{ background-color: rgb(255,  
226, 110) }
```

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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