

# Converting Colors

YUV(222.2620, -61.2612,  
2.4012)

Have a look what the booklet for  
YUV(222.2620, -61.2612, 2.4012)  
contains.

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# Color

**YUV(222.2620, -61.2612,  
2.4012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1F562
RGB	225, 245, 98
RGB Percent	88%, 96%, 38%
CMY	0.1176, 0.0392, 0.6157
CMYK	0.08, 0.00, 0.60, 0.04
HSL	68°, 88%, 67%
HSV	68°, 60%, 96%
XYZ	65.9083, 82.1942, 23.9466
YIQ	222.2620, 35.2670, -49.9570

# Conversions

## Conversions Part 2

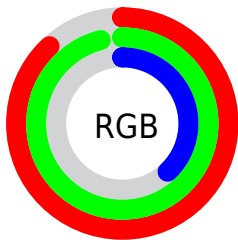
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 245, 118
Decimal	14808418
CIE <sub>Lab</sub>	92.66, -25.81, 66.62
CIE <sub>LCh</sub>	93, 71.446, 111.174
Yxy	82.1942, 0.3831, 0.4777
Android (android.graphics.Color)	4292998498 (0xFFE1F562)
YUV	222.2620, -61.2612, 2.4012
Hunter-Lab	90.6610, -28.8916, 47.8022

# Details

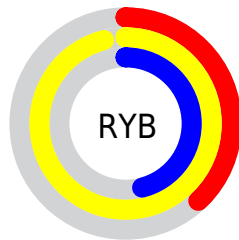
The YUV color **222.2620, -61.2612, 2.4012** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **120.7380, 61.2612, -2.4012**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4860, -44.1166, 10.0978**, and **165.3220, -62.2767, 1.4716** is the 20% darker color. If you saturate the color by 10%, you get **218.6290, -71.3021, 2.9564**, and if you desaturate by 10%, it is **226.0090, -50.7834, 1.7461**.

# Distribution



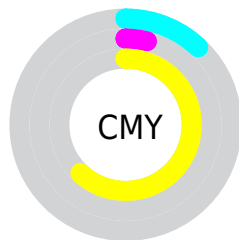
- Red (88%)
- Green (96%)
- Blue (38%)



- Red (38%)
- Yellow (96%)
- Blue (46%)



- Cyan (8%)
- Magenta (0%)
- Yellow (60%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.2620, -61.2612, 2.4012 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 222.2620, -61.2612, 2.4012 by changing the saturation by 10% instead.



222.2620,  
-61.2612, 2.4012

222.2620,  
-61.2612, 2.4012

255.0000, 0.0000,  
0.0000

193.9630,  
-61.1138, 1.7864

243.4860,  
-44.1166, 10.0978

165.3220,  
-62.2767, 1.4716

246.6780,  
-31.8863, 7.2984

136.3560,  
-67.2235, 1.4418

249.9840,  
-19.2191, 4.3990

113.0210,  
-55.7194, -1.7724

253.2900, -6.5520,  
1.4997

89.3870, -44.0678,  
-5.6014

67.2260, -33.1424,  
-9.8452

44.7660, -22.0696,

-14.7038

■ 23.4800, -11.5756,  
-20.5920

■ 9.9790, -4.9196,  
-8.7516

■ 222.2620,  
-61.2612, 2.4012

■ 222.2620,  
-61.2612, 2.4012

■ 218.6290,  
-71.3021, 2.9564

■ 226.0090,  
-50.7834, 1.7461

■ 214.5830,  
-81.6324, 2.9967

■ 229.9410,  
-40.8899, 1.8057

■ 210.8360,  
-92.1101, 3.6518

■ 233.5740,  
-30.8490, 1.2506

■ 207.2030,  
-102.1511, 4.2070

■ 237.3210,  
-20.3713, 0.5955

241.3670,  
-10.0409, 0.5551

245.0000, 0.0000,  
0.0000

247.0370, 3.9258,  
0.8446

248.2330, 3.3361,  
3.3037

249.1300, 2.8939,  
5.1480

# Harmonies

## Analogous

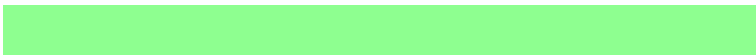
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.6340, -61.9376, 32.7700



222.2620, -61.2612, 2.4012



208.5590, -31.8276, -58.3722

# Triad

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



222.2620, -61.2612, 2.4012



178.7550, 37.5888, -156.7681



208.6270, 22.8619, 40.6691

# Complementary

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



222.2620, -61.2612, 2.4012



120.7380, 61.2612, -2.4012

# 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.



220.3670, 17.0741, 30.3731



222.2620, -61.2612, 2.4012



174.0590, 39.9039, -152.6497

# Square

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



222.2620, -61.2612, 2.4012



178.7550, 37.5888, -156.7681



221.2550, 16.6363, -16.0096



201.5760, -6.6930, 46.8528



# Rectangle

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



222.2620, -61.2612, 2.4012



182.9630, 1.9902, -125.3786



221.2550, 16.6363, -16.0096



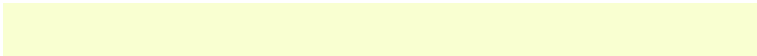
211.5620, 21.4149, 38.0951

# Sweetspot

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



222.2620, -61.2612, 2.4012



247.9620, -19.2083, 0.9103



153.6930, -27.4566, 80.0762



123.4980, -12.0775, 0.4403



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.



222.2620, -61.2612, 2.4012



226.5490, -76.6857, 3.0265



200.4350, -50.5005, -42.4775



120.3330, -5.0942, 0.5850



157.3210, -77.5593, 3.2265



49.8820, -24.5918, 0.9805



# Inverse Universe

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



120.7380, 61.2612, -2.4012



99.4510, 76.6857, -3.0265



142.5650, 50.5005, 42.4775



111.9660, 4.9468, 0.0298



28.6790, 77.5593, -3.2265



9.1180, 24.5918, -0.9805



# Previews

## White Background



This preview shows how the YUV color 222.2620, -61.2612, 2.4012 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 222.2620, -61.2612, 2.4012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

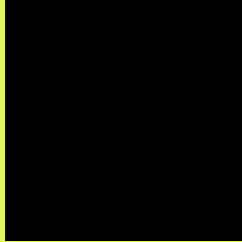
Any Text WCAG AA ✓ Pass

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 222.2620, -61.2612, 2.4012 Background



This preview shows how black text looks on a background with the YUV color 222.2620, -61.2612, 2.4012.



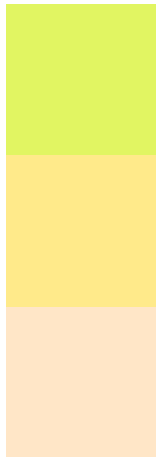
This preview shows how white text looks on a background with the YUV color 222.2620, -61.2612, 2.4012.



# 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

222.2620, -61.2612, 2.4012

### Protanopia

229.3350, -45.0282, 22.5082

### Deuteranopia

233.9410, -17.2259, 18.4687



## Tritanopia

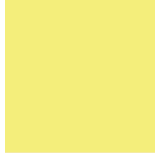
235.3410, 6.2409, 4.9629

# Trichromacy



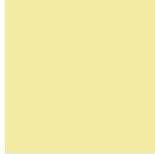
## Original Color

222.2620, -61.2612, 2.4012



## Protanomaly

226.6840, -51.1162, 15.1861



## Deuteranomaly

229.3690, -33.2129, 12.8314



## Tritanomaly

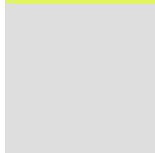
230.2120, -18.3455, 4.1991

# Monochromacy



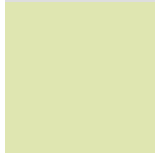
## Original Color

222.2620, -61.2612, 2.4012



## Achromatopsia

222.0000, 0.0000, 0.0000



## Achromatomaly

221.8650, -22.1184, 0.9954

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.2620, -61.2612, 2.4012 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(225, 245, 98)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 98)  
}
```

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(225, 245, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 98) }
```

## Border

The CSS property to change the border of an element to YUV 222.2620, -61.2612, 2.4012 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(225, 245, 98) }
```



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

```
.border{ border-color:rgb(225, 245, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 98);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
98) }
```

# Background

The CSS property to change the background color of an element to YUV 222.2620, -61.2612, 2.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 98) }
```

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

```
.background{ background-color: rgb(225,  
245, 98) }
```

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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