

Converting Colors

YUV(222.1140, -56.7512,
2.5310)

Have a look what the booklet for
YUV(222.1140, -56.7512, 2.5310)
contains.

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Color

**YUV(222.1140, -56.7512,
2.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F36B
RGB	225, 243, 107
RGB Percent	88%, 95%, 42%
CMY	0.1176, 0.0471, 0.5804
CMYK	0.07, 0.00, 0.56, 0.05
HSL	68°, 85%, 69%
HSV	68°, 56%, 95%
XYZ	65.7558, 81.1703, 26.1117
YIQ	222.1140, 32.9280, -46.1120

Conversions

Conversions Part 2

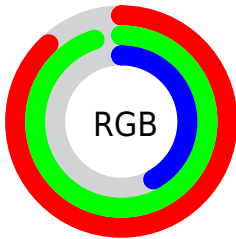
Format	Color
RYB	107, 243, 125
Decimal	14807915
CIELab	92.21, -24.19, 62.31
CIElCh	92, 66.840, 111.222
Yxy	81.1703, 0.3800, 0.4691
Android (android.graphics.Color)	4292997995 (0xFFE1F36B)
YUV	222.1140, -56.7512, 2.5310
Hunter-Lab	90.0945, -27.3867, 45.8825

Details

The YUV color $222.1140, -56.7512, 2.5310$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $127.8860, 56.7512, -2.5310$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.3980, -40.6222, 9.2980$, and $165.5160, -56.4564, 1.3015$ is the 20% darker color. If you saturate the color by 10%, you get $218.4810, -66.7921, 3.0862$, and if you desaturate by 10%, it is $225.7470, -46.7103, 1.9759$.

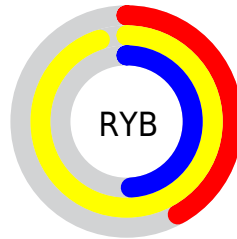
Distribution



Red (88%)

Green (95%)

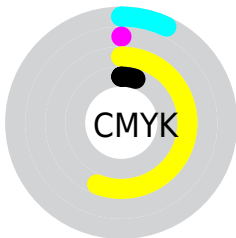
Blue (42%)



Red (42%)

Yellow (95%)

Blue (49%)

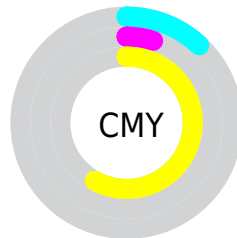


Cyan (7%)

Magenta (0%)

Yellow (56%)

Black (5%)



Cyan (12%)

Magenta (5%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.1140, -56.7512, 2.5310 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 222.1140, -56.7512, 2.5310 by changing the saturation by 10% instead.

222.1140,
-56.7512, 2.5310

222.1140,
-56.7512, 2.5310

255.0000, 0.0000,
0.0000

193.9290,
-56.1670, 1.8163

244.3980,
-40.6222, 9.2980

165.5160,
-56.4564, 1.3015

247.7040,
-27.9551, 6.3986

137.3050,
-59.8034, 1.4865

250.8960,
-15.7247, 3.5992

111.8470,
-55.1406, -0.7428

254.3160, -2.6208,
0.5999

89.0990, -43.9258,
-4.4718

66.6500, -32.8585,
-7.5861

45.0760, -22.2225,

-12.3447

■ 23.1920, -11.4337,
-19.4624

■ 8.8050, -4.3409,
-7.7220

■ 222.1140,
-56.7512, 2.5310

■ 222.1140,
-56.7512, 2.5310

■ 218.4810,
-66.7921, 3.0862

■ 225.7470,
-46.7103, 1.9759

■ 214.7340,
-77.2699, 3.7413

■ 229.4940,
-36.2325, 1.3208

■ 210.8020,
-87.1634, 3.6816

■ 233.4260,
-26.3390, 1.3804

■ 207.1690,
-97.2043, 4.2368

■ 237.0590,
-16.2981, 0.8253

■ 205.7300,
-101.4249, 4.6218

■ 240.6920, -6.2572,
0.2701

■ 244.4390, 4.2206,
-0.3850

■ 245.8630, 4.5045,
1.8741

■ 246.7600, 4.0623,
3.7185

■ 247.6570, 3.6201,
5.5628

Harmonies

Analogous

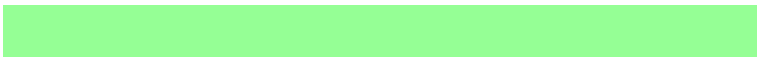
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.7740, -57.5696, 31.7702



222.1140, -56.7512, 2.5310



211.2220, -30.6754, -54.5687

Triad

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



222.1140, -56.7512, 2.5310



178.7550, 37.5888, -156.7681



210.2740, 21.5569, 39.2247

Complementary

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



222.1140, -56.7512, 2.5310



127.8860, 56.7512, -2.5310

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.



221.5410, 16.4953, 29.3435



222.1140, -56.7512, 2.5310



172.8850, 40.4827, -151.6201

Square

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



222.1140, -56.7512, 2.5310



178.7550, 37.5888, -156.7681



221.5650, 16.4835, -13.6505



203.5650, -6.6875, 45.1085

Rectangle

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



222.1140, -56.7512, 2.5310



192.1610, -1.5584, -107.1352



221.5650, 16.4835, -13.6505



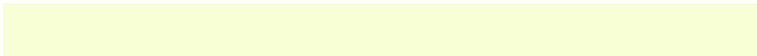
213.3230, 20.5468, 36.5507

Sweetspot

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



222.1140, -56.7512, 2.5310



248.3040, -17.8979, 0.6104



157.0560, -24.6776, 75.3729



123.8400, -10.7671, 0.1403



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.



222.1140, -56.7512, 2.5310



228.6290, -71.3021, 2.9564



202.3800, -47.0223, -38.0443



120.3330, -5.0942, 0.5850



157.6200, -77.7067, 3.8413



49.8820, -24.5918, 0.9805

Inverse Universe

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



127.8860, 56.7512, -2.5310



110.3710, 71.3021, -2.9564



147.6200, 47.0223, 38.0443



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 222.1140, -56.7512, 2.5310 looks on a white background.

Color Contrast Check

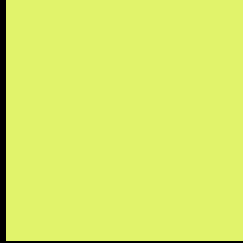
Large Text (above 18pt) WCAG AA × Fail

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 222.1140, -56.7512, 2.5310 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 222.1140, -56.7512, 2.5310

Background



This preview shows how black text looks on a background with the YUV color 222.1140, -56.7512, 2.5310.

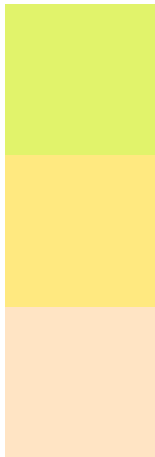


This preview shows how white text looks on a background with the YUV color 222.1140, -56.7512, 2.5310.

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

222.1140, -56.7512, 2.5310

Protanopia

227.6080, -49.1067, 24.0228

Deuteranopia

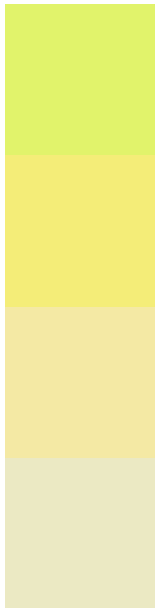
232.4250, -17.9575, 19.7983



Tritanopia

233.6400, 6.0935, 5.5777

Trichromacy



Original Color

222.1140, -56.7512, 2.5310

Protanomaly

225.7550, -52.1372, 16.0009

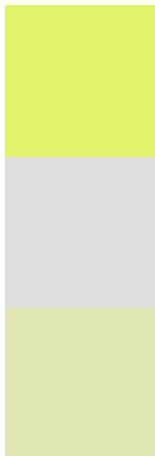
Deuteranomaly

228.4230, -31.7605, 13.6610

Tritanomaly

229.2660, -16.8931, 5.0287

Monochromacy



Original Color

222.1140, -56.7512, 2.5310

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.2070, -20.8081, 0.6955

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.1140, -56.7512, 2.5310 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, 243, 107)` looks like.

```
.text, #text, p{  
    color:rgb(225, 243, 107)  
}
```

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, 243, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 243, 107) }
```

Border

The CSS property to change the border of an element to YUV 222.1140, -56.7512, 2.5310 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, 243, 107) }
```


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

```
.border{ border-color:rgb(225, 243, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 243, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 243, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 243, 107);  
box-shadow:4px 4px 4px 4px rgb(225, 243,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 222.1140, -56.7512, 2.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 243, 107) }
```

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

```
.background{ background-color: rgb(225,  
243, 107) }
```

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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