

# Converting Colors

YUV(228.4570, -56.9203,  
10.1232)

Have a look what the booklet for  
YUV(228.4570, -56.9203, 10.1232)  
contains.

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# Color

**YUV(228.4570, -56.9203,  
10.1232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F571
RGB	240, 245, 113
RGB Percent	94%, 96%, 44%
CMY	0.0588, 0.0392, 0.5569
CMYK	0.02, 0.00, 0.54, 0.04
HSL	62°, 87%, 70%
HSV	62°, 54%, 96%
XYZ	71.5682, 85.0223, 28.2617
YIQ	228.4570, 39.3920, -42.1120

# Conversions

## Conversions Part 2

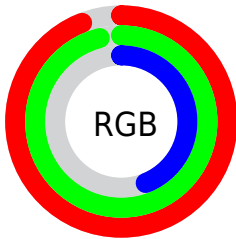
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 245, 118
Decimal	15791473
CIE <sub>Lab</sub>	93.89, -18.80, 61.89
CIE <sub>LCh</sub>	94, 64.683, 106.892
Yxy	85.0223, 0.3872, 0.4599
Android (android.graphics.Color)	4293981553 (0xFFFF0F571)
YUV	228.4570, -56.9203, 10.1232
Hunter-Lab	92.2076, -22.8179, 46.3729

# Details

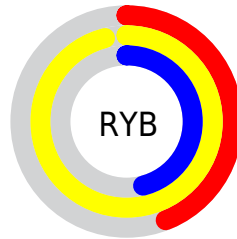
The YUV color  $228.4570, -56.9203, 10.1232$  is a light color, and the websafe version is hex  $FFFF66$ . A complement of this color would be  $129.5430, 56.9203, -10.1232$ , and the grayscale version is  $229.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.0820, -38.0014, 8.6981$ , and  $171.6740, -56.0413, 8.1789$  is the 20% darker color. If you saturate the color by 10%, you get  $225.4220, -67.2560, 11.9079$ , and if you desaturate by 10%, it is  $231.6060, -46.1478, 8.2385$ .

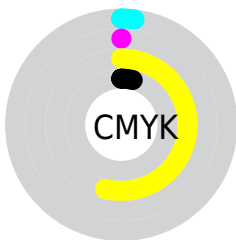
# Distribution



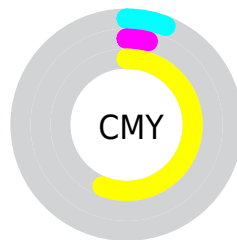
- Red (94%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.4570, -56.9203, 10.1232 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 228.4570, -56.9203, 10.1232 by changing the saturation by 10% instead.



228.4570,  
-56.9203, 10.1232

228.4570,  
-56.9203, 10.1232

255.0000, 0.0000,  
0.0000

199.9730,  
-56.1887, 8.7937

245.0820,  
-38.0014, 8.6981

171.6740,  
-56.0413, 8.1789

248.3880,  
-25.3343, 5.7987

143.9190,  
-57.6411, 7.9640

251.5800,  
-13.1039, 2.9993

117.2070,  
-57.7831, 6.8345

94.4590, -46.5683,  
3.1055

72.0100, -35.5009,  
-0.0088

50.4360, -24.8649,

-4.7674

■ 29.7480, -14.6658,  
-9.4260

■ 12.9140, -6.3666,  
-11.3256

■ 228.4570,  
-56.9203, 10.1232

■ 228.4570,  
-56.9203, 10.1232

■ 225.4220,  
-67.2560, 11.9079

■ 231.6060,  
-46.1478, 8.2385

■ 222.2730,  
-78.0286, 13.7926

■ 234.6410,  
-35.8120, 6.4538

■ 219.2380,  
-88.3643, 15.5773

■ 237.7900,  
-25.0395, 4.5692

■ 216.0890,  
-99.1369, 17.4619

■ 240.8250,  
-14.7037, 2.7845

■ 214.3790,  
-105.6888, 18.9616

■ 243.9740, -3.9312,  
0.8998

■ 246.4390, 4.2206,  
-0.3850

■ 246.7380, 4.0732,  
0.2298

■ 247.0370, 3.9258,  
0.8446

# Harmonies

## Analogous

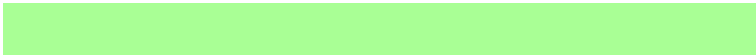
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.7290, -52.6174, 30.0557



228.4570, -56.9203, 10.1232



217.2020, -33.6236, -42.2732

# Triad

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



228.4570, -56.9203, 10.1232



178.7550, 37.5888, -156.7681



215.6710, 19.3892, 34.4915

# Complementary

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



228.4570, -56.9203, 10.1232



129.5430, 56.9203, -10.1232

# 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.



226.8240, 13.8908, 24.7104



228.4570, -56.9203, 10.1232



176.9940, 38.4570, -155.2237

# Square

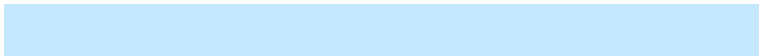
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.4570, -56.9203, 10.1232



178.7550, 37.5888, -156.7681



224.1570, 15.2056, -23.8167



208.6830, -2.3087, 40.6200



# Rectangle

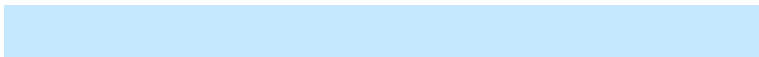
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.4570, -56.9203, 10.1232



202.5830, -8.1754, -84.7033



224.1570, 15.2056, -23.8167



218.6060, 17.9422, 31.9175

# Sweetspot

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



228.4570, -56.9203, 10.1232



249.7280, -17.6139, 2.8695



154.8160, -20.6153, 79.0914



124.8510, -10.7725, 1.8847



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.



228.4570, -56.9203, 10.1232



234.2820, -71.6240, 12.9077



209.0220, -47.3388, -29.8373



120.6320, -5.2416, 1.1997



162.7030, -80.2126, 14.2925



51.3770, -25.3289, 4.0544



# Inverse Universe

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



129.5430, 56.9203, -10.1232



110.0170, 71.4766, -12.2929



148.9780, 47.3388, 29.8373



111.6670, 5.0942, -0.5850



23.2970, 80.2126, -14.2925

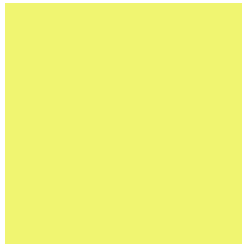


7.3240, 25.4763, -4.6691



# Previews

## White Background



This preview shows how the YUV color 228.4570, -56.9203, 10.1232 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

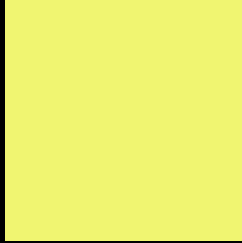
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.4570, -56.9203, 10.1232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

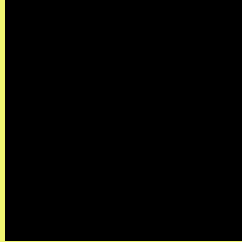
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 228.4570, -56.9203, 10.1232

## Background



This preview shows how black text looks on a background with the YUV color 228.4570, -56.9203, 10.1232.



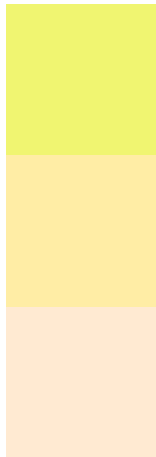
This preview shows how white text looks on a background with the YUV color 228.4570, -56.9203, 10.1232.



# 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

228.4570, -56.9203, 10.1232

### Protanopia

234.1740, -34.1028, 18.2644

### Deuteranopia

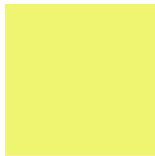
237.5430, -13.5787, 15.3098



## Tritanopia

239.3420, 4.7614, 12.8551

# Trichromacy



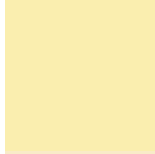
## Original Color

228.4570, -56.9203, 10.1232



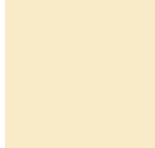
## Protanomaly

232.2740, -42.5331, 15.5457



## Deuteranomaly

234.4060, -29.2872, 13.6759



## Tritanomaly

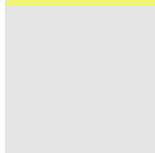
235.1960, -17.3516, 12.1061

# Monochromacy



## Original Color

228.4570, -56.9203, 10.1232



## Achromatopsia

228.0000, 0.0000, 0.0000



## Achromatomaly

227.9300, -20.6715, 3.5694

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.4570, -56.9203, 10.1232 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(240, 245, 113)` looks like.

```
.text, #text, p{  
    color:rgb(240, 245, 113)  
}
```

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(240, 245, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 113) }
```

## Border

The CSS property to change the border of an element to YUV 228.4570, -56.9203, 10.1232 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(240, 245, 113) }
```



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

```
.border{ border-color:rgb(240, 245, 113) }
```

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

Here you see how a box with a 4 pixel rgb(240, 245, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 113);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 228.4570, -56.9203, 10.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 245, 113) }
```

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

```
.background{ background-color: rgb(240,  
245, 113) }
```

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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