

Converting Colors

YUV(232.9730, -72.9507,
18.4407)

Have a look what the booklet for
YUV(232.9730, -72.9507, 18.4407)
contains.

YUV(232.9730, -72.9507, 18.4407)	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(232.9730, -72.9507,
18.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFB55
RGB	254, 251, 85
RGB Percent	100%, 98%, 33%
CMY	0.0039, 0.0157, 0.6667
CMYK	0.00, 0.01, 0.67, 0.00
HSL	59°, 99%, 66%
HSV	59°, 67%, 100%
XYZ	77.0099, 90.7211, 22.0464
YIQ	232.9730, 55.0740, -50.9900

Conversions

Conversions Part 2

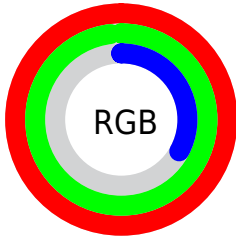
Format	Color
R _Y B	88, 254, 85
Decimal	16710485
CIE Lab	96.30, -17.90, 76.17
CIE LCh	96, 78.246, 103.226
Yxy	90.7211, 0.4058, 0.4780
Android (android.graphics.Color)	4294900565 (0xFFFEFB55)
YUV	232.9730, -72.9507, 18.4407
Hunter-Lab	95.2476, -22.3619, 52.9498

Details

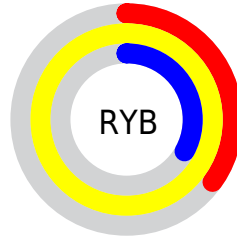
The YUV color **232.9730, -72.9507, 18.4407** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **106.0270, 72.9507, -18.4407**, and the grayscale version is **234.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2320, -48.9214, 11.1975**, and **173.4970, -81.0970, 17.9811** is the 20% darker color. If you saturate the color by 10%, you get **230.1230, -83.8706, 20.9401**, and if you desaturate by 10%, it is **235.8230, -62.0307, 15.9412**.

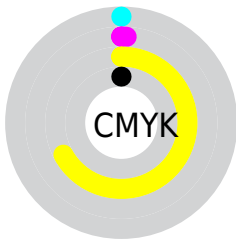
Distribution



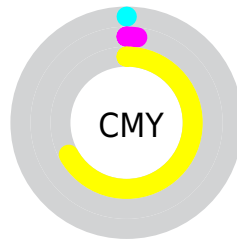
- Red (100%)
- Green (98%)
- Blue (33%)



- Red (35%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (1%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.9730, -72.9507, 18.4407 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 232.9730, -72.9507, 18.4407 by changing the saturation by 10% instead.

232.9730,
-72.9507, 18.4407

232.9730,
-72.9507, 18.4407

255.0000, 0.0000,
0.0000

204.0330,
-73.9663, 17.5111

242.2320,
-48.9214, 11.1975

173.4970,
-81.0970, 17.9811

245.4240,
-36.6910, 8.3982

147.6520,
-72.7924, 14.3372

248.7300,
-24.0239, 5.4988

123.4310,
-60.8515, 11.0230

252.1500,
-10.9200, 2.4994

100.3840,
-49.4893, 6.6792

77.9240, -38.4165,
1.8207

55.7630, -27.4912,

-2.4232

■ 35.0750, -17.2920,
-7.0818

■ 15.8490, -7.8136,
-13.8996

■ 232.9730,
-72.9507, 18.4407

■ 232.9730,
-72.9507, 18.4407

■ 230.1230,
-83.8706, 20.9401

■ 235.8230,
-62.0307, 15.9412

■ 226.5720,
-94.9380, 24.0544

■ 239.3740,
-50.9634, 12.8270

■ 223.7220,
-105.8579, 26.5538

■ 242.2240,
-40.0434, 10.3276

■ 222.1090,
-109.4997, 27.9684

■ 245.7750,
-28.9761, 7.2133

■ 248.6250,
-18.0561, 4.7139

■ 252.0620, -7.4256,
1.6996

■ 254.1140, 0.4368,
-0.1000

■ 254.7010, 0.1474,
-0.6148

Harmonies

Analogous

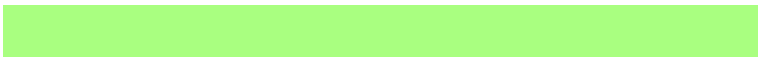
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.9220, -62.0795, 31.6404



232.9730, -72.9507, 18.4407



214.8080, -42.7963, -40.1736

Triad

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



232.9730, -72.9507, 18.4407



178.7550, 37.5888, -156.7681



212.7360, 20.8362, 37.0655

Complementary

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



232.9730, -72.9507, 18.4407



106.0270, 72.9507, -18.4407

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.



228.5850, 13.0226, 23.1660



232.9730, -72.9507, 18.4407



178.7550, 37.5888, -156.7681

Square

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



232.9730, -72.9507, 18.4407



178.7550, 37.5888, -156.7681



220.4700, 17.0233, -46.8932



204.5400, 4.6638, 44.2534

Rectangle

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



232.9730, -72.9507, 18.4407



194.2240, -10.4634, -97.5434



220.4700, 17.0233, -46.8932



216.8450, 18.8104, 33.4619

Sweetspot

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



232.9730, -72.9507, 18.4407



248.5990, -21.9873, 5.6137



136.2150, -22.2910, 103.2974



123.8790, -13.2513, 3.6141



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.



232.9730, -72.9507, 18.4407



229.3960, -87.9492, 22.4547



211.1130, -62.1737, -31.6711



125.9310, -5.3890, 1.8145



167.4650, -82.5602, 20.6402



56.1170, -27.6657, 6.9134

Inverse Universe

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



106.0270, 72.9507, -18.4407



76.6040, 87.9492, -22.4547



127.8870, 62.1737, 31.6711



116.4820, 5.6784, -1.2997



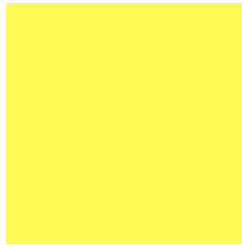
23.5350, 82.5602, -20.6402



7.8830, 27.6657, -6.9134

Previews

White Background



This preview shows how the YUV color 232.9730, -72.9507, 18.4407 looks on a white background.

Color Contrast Check

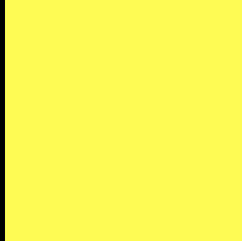
Large Text (above 18pt) WCAG AA × Fail

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 232.9730, -72.9507, 18.4407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

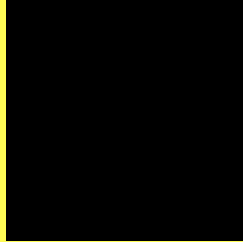
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.9730, -72.9507, 18.4407

Background



This preview shows how black text looks on a background with the YUV color 232.9730, -72.9507, 18.4407.

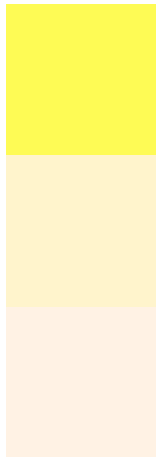


This preview shows how white text looks on a background with the YUV color 232.9730, -72.9507, 18.4407.

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

232.9730, -72.9507, 18.4407

Protanopia

242.7290, -19.0934, 10.7617

Deuteranopia

244.2910, -8.0315, 9.3918



Tritanopia

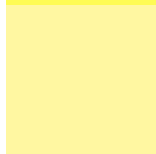
245.3970, 1.2833, 8.4218

Trichromacy



Original Color

232.9730, -72.9507, 18.4407



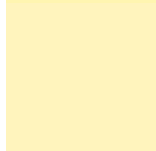
Protanomaly

239.5880, -38.7439, 13.5163



Deuteranomaly

240.1240, -31.6131, 13.0463



Tritanomaly

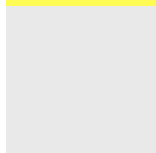
241.0190, -25.6454, 12.2613

Monochromacy



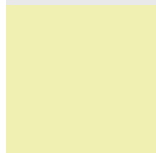
Original Color

232.9730, -72.9507, 18.4407



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

233.3450, -26.7921, 6.7134

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.9730, -72.9507, 18.4407 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(254, 251, 85)` looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 85)  
}
```

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(254, 251, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 85) }
```

Border

The CSS property to change the border of an element to YUV 232.9730, -72.9507, 18.4407 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(254, 251, 85) }
```


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

```
.border{ border-color:rgb(254, 251, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 251, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 85);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 232.9730, -72.9507, 18.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 251, 85) }
```

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

```
.background{ background-color: rgb(254,  
251, 85) }
```

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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