

Converting Colors

YUV(225.8350, -63.5157,
25.5777)

Have a look what the booklet for
YUV(225.8350, -63.5157, 25.5777)
contains.

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Color

**YUV(225.8350, -63.5157,
25.5777)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFEC61 |
| RGB | 255, 236, 97 |
| RGB Percent | 100%, 93%, 38% |
| CMY | 0.0000, 0.0745, 0.6196 |
| CMYK | 0.00, 0.07, 0.62, 0.00 |
| HSL | 53°, 100%, 69% |
| HSV | 53°, 62%, 100% |
| XYZ | 73.3931, 82.1140, 23.2906 |
| YIQ | 225.8350, 55.9430, -39.2010 |

Conversions

Conversions Part 2

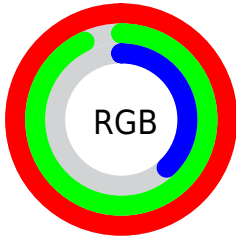
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 119, 255, 97 |
| Decimal | 16772193 |
| CIE _{Lab} | 92.63, -9.50, 67.67 |
| CIE _{LCh} | 93, 68.337, 97.989 |
| Yxy | 82.1140, 0.4105, 0.4593 |
| Android (android.graphics.Color) | 4294962273 (0xFFFFEC61) |
| YUV | 225.8350, -63.5157, 25.5777 |
| Hunter-Lab | 90.6168, -14.0070, 48.1928 |

Details

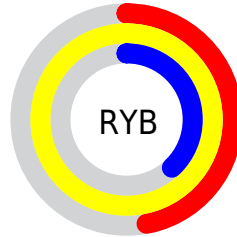
The YUV color **225.8350, -63.5157, 25.5777** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **126.1650, 63.5157, -25.5777**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3720, -44.5534, 10.1978**, and **168.2970, -64.2364, 23.4185** is the 20% darker color. If you saturate the color by 10%, you get **221.1100, -74.0042, 29.7215**, and if you desaturate by 10%, it is **230.4460, -53.4639, 21.5339**.

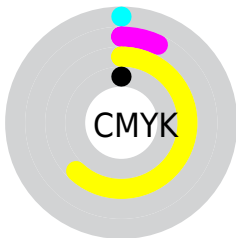
Distribution



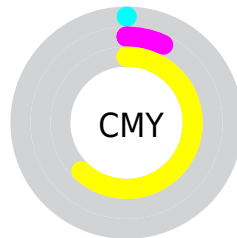
- Red (100%)
- Green (93%)
- Blue (38%)



- Red (47%)
- Yellow (100%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (62%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.8350, -63.5157, 25.5777 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 225.8350, -63.5157, 25.5777 by changing the saturation by 10% instead.

225.8350,
-63.5157, 25.5777

225.8350,
-63.5157, 25.5777

255.0000, 0.0000,
0.0000

197.2370,
-63.2208, 24.3482

243.3720,
-44.5534, 10.1978

168.2970,
-64.2364, 23.4185

246.5640,
-32.3231, 7.3984

140.0320,
-69.0358, 22.7739

249.8700,
-19.6559, 4.4990

116.0990,
-57.2368, 18.3302

253.1760, -6.9888,
1.5996

93.0520, -45.8746,
13.9864

70.8910, -34.9493,
9.7426

49.9040, -24.6027,

4.4692

■ 30.1020, -14.8403,
-0.0895

■ 9.3920, -4.6303,
-8.2368

■ 225.8350,
-63.5157, 25.5777

■ 225.8350,
-63.5157, 25.5777

■ 221.1100,
-74.0042, 29.7215

■ 230.4460,
-53.4639, 21.5339

■ 216.4990,
-84.0560, 33.7654

■ 235.1710,
-42.9753, 17.3900

■ 211.7740,
-94.5446, 37.9092

■ 239.8960,
-32.4867, 13.2462

■ 207.7330,
-102.4124, 41.4532

■ 244.5070,
-22.4350, 9.2024

■ 249.2320,
-11.9464, 5.0585

■ 253.8430, -1.8946,
1.0147

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

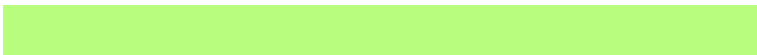
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.8160, -51.1813, 36.1184



225.8350, -63.5157, 25.5777



218.1900, -45.4497, -29.1076

Triad

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



225.8350, -63.5157, 25.5777



178.7550, 37.5888, -156.7681



214.4970, 19.9680, 35.5211

Complementary

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



225.8350, -63.5157, 25.5777



126.1650, 63.5157, -25.5777

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.



227.9980, 13.3120, 23.6808



225.8350, -63.5157, 25.5777



178.1680, 37.8782, -156.2533

Square

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



225.8350, -63.5157, 25.5777



178.1850, 35.4048, -156.2682



211.5660, 21.4130, -54.8704



205.1100, 6.8478, 43.7535

Rectangle

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



225.8350, -63.5157, 25.5777



205.4140, -21.8961, -70.5231



211.5660, 21.4130, -54.8704



218.6060, 17.9422, 31.9175

Sweetspot

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



225.8350, -63.5157, 25.5777



246.0060, -19.2300, 7.8877



146.6360, -14.1175, 95.0352



122.2320, -11.9464, 5.0585



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.



225.8350, -63.5157, 25.5777



219.9530, -75.8988, 30.7362



219.6460, -60.4645, -19.8605



125.3440, -5.0996, 2.3293



155.7250, -76.7724, 30.9362



52.0080, -25.6399, 10.5170

Inverse Universe

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



126.1650, 63.5157, -25.5777



101.0470, 75.8988, -30.7362



132.3540, 60.4645, 19.8605



117.0690, 5.3890, -1.8145



35.2750, 76.7724, -30.9362



11.9920, 25.6399, -10.5170

Previews

White Background



This preview shows how the YUV color 225.8350, -63.5157, 25.5777 looks on a white background.

Color Contrast Check

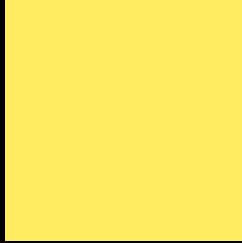
Large Text (above 18pt) WCAG AA × Fail

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 225.8350, -63.5157, 25.5777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

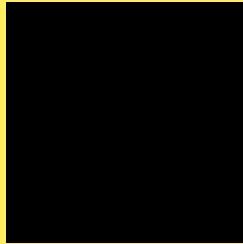
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 225.8350, -63.5157, 25.5777

Background



This preview shows how black text looks on a background with the YUV color 225.8350, -63.5157, 25.5777.



This preview shows how white text looks on a background with the YUV color 225.8350, -63.5157, 25.5777.

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

225.8350, -63.5157, 25.5777

Protanopia

229.5630, -44.1546, 22.3082

Deuteranopia

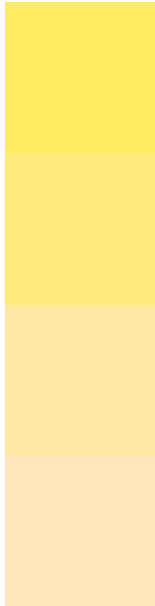
234.0550, -16.7891, 18.3688



Tritanopia

235.9250, 0.5300, 16.7288

Trichromacy



Original Color

225.8350, -63.5157, 25.5777

Protanomaly

228.3260, -51.4327, 23.3931

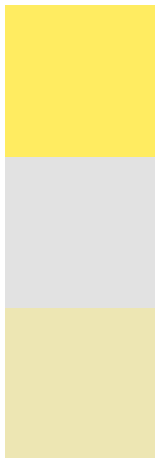
Deuteranomaly

231.0110, -33.5294, 21.0384

Tritanomaly

232.4590, -22.9043, 19.7685

Monochromacy



Original Color

225.8350, -63.5157, 25.5777

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.2790, -23.3085, 9.4023

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.8350, -63.5157, 25.5777 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, 236, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 97)  
}
```

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, 236, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 97) }
```

Border

The CSS property to change the border of an element to YUV 225.8350, -63.5157, 25.5777 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, 236, 97) }
```


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

```
.border{ border-color:rgb(255, 236, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 225.8350, -63.5157, 25.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 97) }
```

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

```
.background{ background-color: rgb(255,  
236, 97) }
```

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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