

Converting Colors

YUV(221.4380, -44.5859,
20.6639)

Have a look what the booklet for
YUV(221.4380, -44.5859, 20.6639)
contains.

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Color

**YUV(221.4380, -44.5859,
20.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E383
RGB	245, 227, 131
RGB Percent	96%, 89%, 51%
CMY	0.0392, 0.1098, 0.4863
CMYK	0.00, 0.07, 0.47, 0.04
HSL	51°, 85%, 74%
HSV	51°, 47%, 96%
XYZ	69.2220, 75.9893, 32.4917
YIQ	221.4380, 41.5440, -26.0400

Conversions

Conversions Part 2

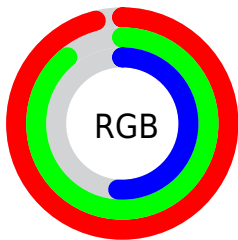
Format	Color
RYB	152, 245, 131
Decimal	16114563
CIELab	89.85, -6.41, 48.86
CIELCh	90, 49.277, 97.480
Yxy	75.9893, 0.3895, 0.4276
Android (android.graphics.Color)	4294304643 (0xFFFF5E383)
YUV	221.4380, -44.5859, 20.6639
Hunter-Lab	87.1719, -10.8063, 38.9210

Details

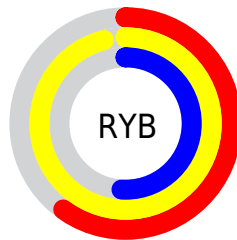
The YUV color **221.4380, -44.5859, 20.6639** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **154.5620, 44.5859, -20.6639**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.1340, -30.1391, 6.8985**, and **165.8830, -42.8333, 18.5196** is the 20% darker color. If you saturate the color by 10%, you get **216.2400, -54.3483, 25.2225**, and if you desaturate by 10%, it is **226.5220, -35.2603, 16.2052**.

Distribution



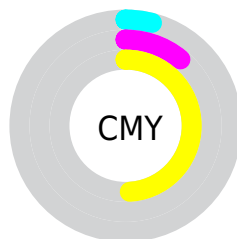
- Red (96%)
- Green (89%)
- Blue (51%)



- Red (60%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (47%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.4380, -44.5859, 20.6639 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 221.4380, -44.5859, 20.6639 by changing the saturation by 10% instead.

■ 221.4380,
-44.5859, 20.6639

■ 221.4380,
-44.5859, 20.6639

255.0000, 0.0000,
0.0000

■ 193.3670,
-43.5649, 19.8491

■ 247.1340,
-30.1391, 6.8985

■ 165.8830,
-42.8333, 18.5196

■ 250.3260,
-17.9087, 4.0991

■ 138.6980,
-42.2491, 17.8049

■ 253.6320, -5.2416,
1.1997

■ 112.6870,
-42.2437, 16.0605

■ 86.8610, -42.8225,
15.0309

■ 65.5860, -32.3339,
10.8871

■ 44.8980, -22.1347,

6.2285

■ 25.3950, -12.5197,
2.2846

■ 0.0000, 0.0000,
0.0000

■ 221.4380,
-44.5859, 20.6639

■ 221.4380,
-44.5859, 20.6639

■ 216.2400,
-54.3483, 25.2225

■ 226.5220,
-35.2603, 16.2052

■ 211.1560,
-63.6739, 29.6812

■ 231.7200,
-25.4980, 11.6466

■ 205.9580,
-73.4363, 34.2398

■ 236.8040,
-16.1724, 7.1879

■ 201.4610,
-83.0513, 38.1837

■ 241.4150, -6.1206,
3.1440

■ 196.2630,
-92.8137, 42.7423

■ 246.6130, 3.6418,
-1.4146

■ 194.1770,
-95.7293, 44.5718

■ 249.0750, 2.9210,
-3.5738

■ 251.4230, 1.7635,
-5.6330

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

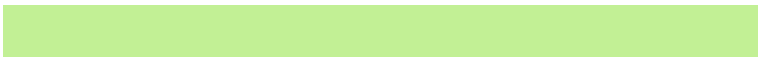
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.0620, -37.4986, 34.1486



221.4380, -44.5859, 20.6639



215.8720, -32.9679, -19.1817

Triad

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



221.4380, -44.5859, 20.6639



175.2330, 39.3251, -153.6793



219.1930, 17.6529, 31.4027

Complementary

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



221.4380, -44.5859, 20.6639



154.5620, 44.5859, -20.6639

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.



225.6060, 14.4912, 18.7625



221.4380, -44.5859, 20.6639



195.6530, 29.2581, -97.9197

Square

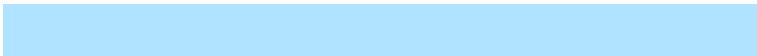
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.4380, -44.5859, 20.6639



191.3980, 22.4818, -117.8670



214.9430, 19.7481, -34.1530



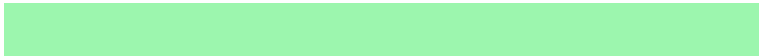
211.8120, 2.0647, 37.8759

Rectangle

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



221.4380, -44.5859, 20.6639



210.8820, -18.1828, -48.1315



214.9430, 19.7481, -34.1530



222.1280, 16.2059, 28.8287

Sweetspot

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



221.4380, -44.5859, 20.6639



247.3740, -13.9884, 6.6880



167.2520, -8.5052, 68.1850



123.1440, -8.4520, 4.2587



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.



221.4380, -44.5859, 20.6639



225.1970, -55.8061, 26.1372



220.6420, -44.1935, -11.9640



119.4580, -4.6628, 2.2293



147.7730, -72.8521, 33.5251



46.4040, -22.8772, 11.0467

Inverse Universe

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



154.5620, 44.5859, -20.6639



141.8030, 55.8061, -26.1372



155.3580, 44.1935, 11.9640



112.5420, 4.6628, -2.2293



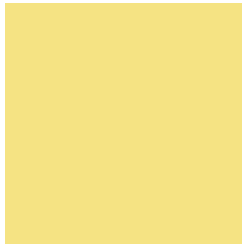
38.2270, 72.8521, -33.5251



12.0090, 23.1666, -10.5319

Previews

White Background



This preview shows how the YUV color 221.4380, -44.5859, 20.6639 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 221.4380, -44.5859, 20.6639 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 221.4380, -44.5859, 20.6639

Background



This preview shows how black text looks on a background with the YUV color 221.4380, -44.5859, 20.6639.

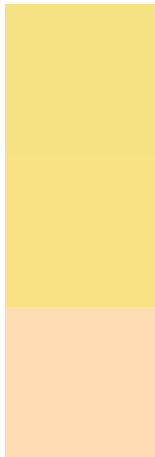


This preview shows how white text looks on a background with the YUV color 221.4380, -44.5859, 20.6639.

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

221.4380, -44.5859, 20.6639

Protanopia

221.7480, -44.7388, 23.0230

Deuteranopia

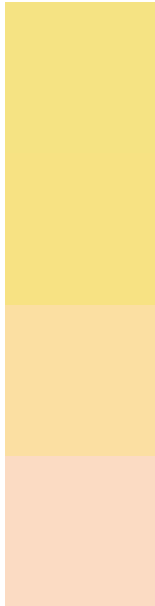
225.9050, -22.6312, 25.5163



Tritanopia

228.8980, 1.5293, 22.8915

Trichromacy



Original Color

221.4380, -44.5859, 20.6639

Protanomaly

221.4490, -44.5914, 22.4082

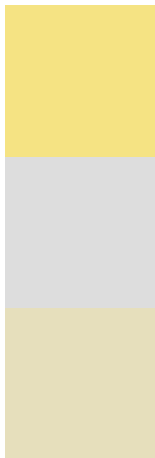
Deuteranomaly

224.4180, -30.7721, 23.3124

Tritanomaly

225.8320, -15.2002, 22.0723

Monochromacy



Original Color

221.4380, -44.5859, 20.6639

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.1030, -16.3198, 7.8027

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.4380, -44.5859, 20.6639 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(245, 227, 131)` looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 131)  
}
```

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(245, 227, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 131) }
```

Border

The CSS property to change the border of an element to YUV 221.4380, -44.5859, 20.6639 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(245, 227, 131) }
```


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

```
.border{ border-color:rgb(245, 227, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 227, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 227, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 227, 131); box-shadow:4px 4px 4px 4px rgb(245, 227, 131) }
```

Background

The CSS property to change the background color of an element to YUV 221.4380, -44.5859, 20.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 131) }
```

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

```
.background{ background-color: rgb(245,  
227, 131) }
```

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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