

Converting Colors

YUV(220.6850, -52.5957,
23.0783)

Have a look what the booklet for
YUV(220.6850, -52.5957, 23.0783)
contains.

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Color

**YUV(220.6850, -52.5957,
23.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E472
RGB	247, 228, 114
RGB Percent	97%, 89%, 45%
CMY	0.0314, 0.1059, 0.5529
CMYK	0.00, 0.08, 0.54, 0.03
HSL	51°, 89%, 71%
HSV	51°, 54%, 97%
XYZ	69.1384, 76.4759, 27.0369
YIQ	220.6850, 47.9180, -31.4260

Conversions

Conversions Part 2

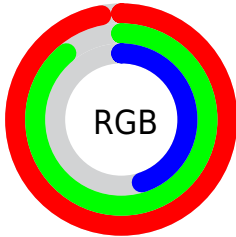
Format	Color
R_{YB}	136, 247, 114
Decimal	16245874
CIE _{Lab}	90.08, -7.57, 57.19
CIE _{LCh}	90, 57.687, 97.538
Yxy	76.4759, 0.4005, 0.4430
Android (android.graphics.Color)	4294435954 (0xFFFF7E472)
YUV	220.6850, -52.5957, 23.0783
Hunter-Lab	87.4505, -11.9161, 42.8847

Details

The YUV color $220.6850, -52.5957, 23.0783$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $140.3150, 52.5957, -23.0783$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1960, -37.5646, 8.5981$, and $164.7170, -51.1325, 20.4192$ is the 20% darker color. If you saturate the color by 10%, you get $215.4870, -62.3581, 27.6369$, and if you desaturate by 10%, it is $225.8830, -42.8333, 18.5196$.

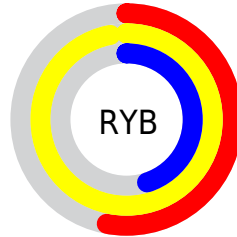
Distribution



Red (97%)

Green (89%)

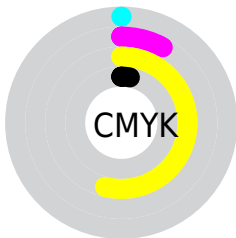
Blue (45%)



Red (53%)

Yellow (97%)

Blue (45%)

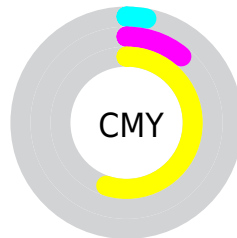


Cyan (0%)

Magenta (8%)

Yellow (54%)

Black (3%)



Cyan (3%)

Magenta (11%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.6850, -52.5957, 23.0783 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 220.6850, -52.5957, 23.0783 by changing the saturation by 10% instead.

■ 220.6850,
-52.5957, 23.0783

■ 220.6850,
-52.5957, 23.0783

■ 255.0000, 0.0000,
0.0000

■ 192.2010,
-51.8641, 21.7487

■ 245.1960,
-37.5646, 8.5981

■ 164.7170,
-51.1325, 20.4192

■ 248.3880,
-25.3343, 5.7987

■ 136.8910,
-51.7113, 19.3896

■ 251.5800,
-13.1039, 2.9993

■ 110.1960,
-54.3266, 18.2451

■ 87.4480, -43.1119,
14.5161

■ 66.1730, -32.6233,
10.3723

■ 45.1860, -22.2767,

5.0989

■ 25.6830, -12.6617,
1.1550

■ 0.5870, -0.2894,
-0.5148

■ 220.6850,
-52.5957, 23.0783

■ 220.6850,
-52.5957, 23.0783

■ 215.4870,
-62.3581, 27.6369

■ 225.8830,
-42.8333, 18.5196

■ 210.9900,
-71.9731, 31.5808

■ 230.3800,
-33.2183, 14.5757

■ 205.7920,
-81.7355, 36.1394

■ 235.5780,
-23.4560, 10.0171

■ 201.1810,
-91.7872, 40.1833

■ 240.1890,
-13.4042, 5.9732

■ 198.2970,
-97.7604, 42.7125

■ 245.3870, -3.6418,
1.4146

■ 249.0860, 2.9156,
-1.8294

■ 251.4340, 1.7580,
-3.8886

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

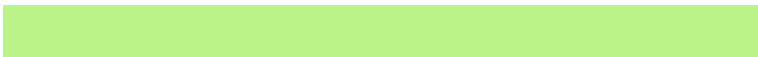
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.1780, -43.4718, 36.6779



220.6850, -52.5957, 23.0783



214.3570, -38.6300, -23.1151

Triad

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



220.6850, -52.5957, 23.0783



177.5810, 38.1676, -155.7385



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.



220.6850, -52.5957, 23.0783



140.3150, 52.5957, -23.0783

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.



225.3290, 14.6278, 21.6365



220.6850, -52.5957, 23.0783



172.2980, 40.7721, -151.1053

Square

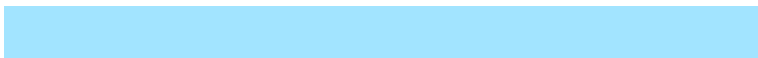
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.6850, -52.5957, 23.0783



176.9310, 30.6000, -155.1685



211.3440, 21.5224, -43.2747



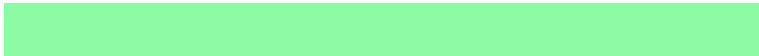
207.0020, 3.9430, 42.0942

Rectangle

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



220.6850, -52.5957, 23.0783



207.7190, -21.0605, -58.5126



211.3440, 21.5224, -43.2747



218.6060, 17.9422, 31.9175

Sweetspot

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



220.6850, -52.5957, 23.0783



246.8040, -16.1724, 7.1879



156.0470, -10.8692, 79.7658



122.8020, -9.7624, 4.5586



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.



220.6850, -52.5957, 23.0783



221.9880, -65.5631, 28.9515



217.7850, -51.1660, -15.5974



120.0450, -4.9522, 1.7145



149.5340, -73.7203, 31.9807



46.9910, -23.1666, 10.5319

Inverse Universe

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



140.3150, 52.5957, -23.0783



122.0120, 65.5631, -28.9515



143.2150, 51.1660, 15.5974



112.5420, 4.6628, -2.2293



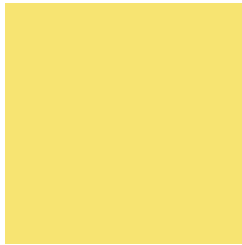
37.0530, 73.4309, -32.4955



11.4220, 23.4560, -10.0171

Previews

White Background



This preview shows how the YUV color 220.6850, -52.5957, 23.0783 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 220.6850, -52.5957, 23.0783 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 220.6850, -52.5957, 23.0783

Background



This preview shows how black text looks on a background with the YUV color 220.6850, -52.5957, 23.0783.

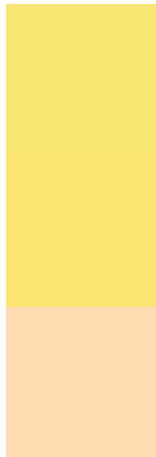


This preview shows how white text looks on a background with the YUV color 220.6850, -52.5957, 23.0783.

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

220.6850, -52.5957, 23.0783

Protanopia

220.9950, -52.7485, 25.4374

Deuteranopia

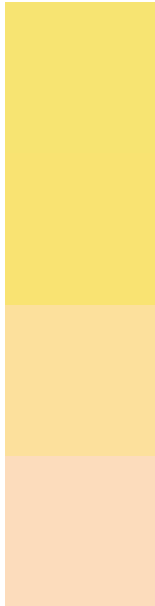
226.4920, -22.9206, 25.0015



Tritanopia

229.3710, 0.8031, 22.4766

Trichromacy



Original Color

220.6850, -52.5957, 23.0783

Protanomaly

220.6960, -52.6011, 24.8226

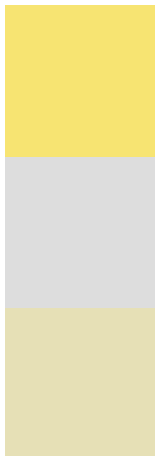
Deuteranomaly

224.6200, -33.8297, 24.0123

Tritanomaly

225.9200, -18.6946, 22.8722

Monochromacy



Original Color

220.6850, -52.5957, 23.0783

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0060, -19.2300, 7.8877

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.6850, -52.5957, 23.0783 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(247, 228, 114)` looks like.

```
.text, #text, p{  
    color:rgb(247, 228, 114)  
}
```

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(247, 228, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 114) }
```

Border

The CSS property to change the border of an element to YUV 220.6850, -52.5957, 23.0783 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(247, 228, 114) }
```


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

```
.border{ border-color:rgb(247, 228, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 228, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 114);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 220.6850, -52.5957, 23.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 114) }
```

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

```
.background{ background-color: rgb(247,  
228, 114) }
```

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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