

# Converting Colors

YUV(218.8200, -67.4523,  
28.2219)

Have a look what the booklet for  
YUV(218.8200, -67.4523, 28.2219)  
contains.

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# Color

**YUV(218.8200, -67.4523,  
28.2219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE552
RGB	251, 229, 82
RGB Percent	98%, 90%, 32%
CMY	0.0157, 0.1020, 0.6784
CMYK	0.00, 0.09, 0.67, 0.02
HSL	52°, 95%, 65%
HSV	52°, 67%, 98%
XYZ	69.3260, 77.1570, 19.2216
YIQ	218.8200, 60.2990, -41.0530

# Conversions

## Conversions Part 2

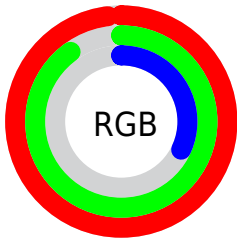
Format	Color
<a href="#">RYB</a>	<a href="#">107, 251, 82</a>
Decimal	<a href="#">16508242</a>
CIELab	<a href="#">90.39, -8.51, 71.24</a>
CIElCh	<a href="#">90, 71.750, 96.816</a>
Yxy	<a href="#">77.1570, 0.4184, 0.4656</a>
Android (android.graphics.Color)	<a href="#">4294698322 (0xFFFFBE552)</a>
YUV	<a href="#">218.8200, -67.4523, 28.2219</a>
Hunter-Lab	<a href="#">87.8391, -12.8394, 48.5131</a>

# Details

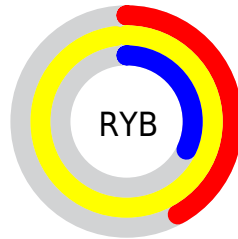
The YUV color **218.8200, -67.4523, 28.2219** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **114.1800, 67.4523, -28.2219**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6620, -51.1054, 11.6974**, and **160.6150, -73.2672, 26.6476** is the 20% darker color. If you saturate the color by 10%, you get **214.2090, -77.5040, 32.2657**, and if you desaturate by 10%, it is **223.4310, -57.4005, 24.1780**.

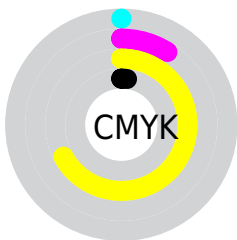
# Distribution



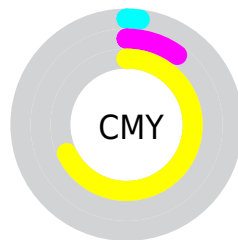
- Red (98%)
- Green (90%)
- Blue (32%)



- Red (42%)
- Yellow (98%)
- Blue (32%)



- Cyan (0%)
- Magenta (9%)
- Yellow (67%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.8200, -67.4523, 28.2219 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 218.8200, -67.4523, 28.2219 by changing the saturation by 10% instead.



218.8200,  
-67.4523, 28.2219

218.8200,  
-67.4523, 28.2219

255.0000, 0.0000,  
0.0000

189.9940,  
-68.0310, 27.1923

241.6620,  
-51.1054, 11.6974

160.6150,  
-73.2672, 26.6476

244.9680,  
-38.4382, 8.7981

134.7270,  
-66.4204, 23.9184

248.1600,  
-26.2079, 5.9987

111.3810,  
-54.9108, 18.9599

251.4660,  
-13.5407, 3.0993

88.3340, -43.5487,  
14.6161

254.8860, -0.4368,  
0.1000

66.4610, -32.7653,  
9.2427

45.7730, -22.5661,

4.5841

■ 25.9710, -12.8037,  
0.0254

■ 1.7610, -0.8682,  
-1.5444

■ 218.8200,  
-67.4523, 28.2219

■ 218.8200,  
-67.4523, 28.2219

■ 214.2090,  
-77.5040, 32.2657

■ 223.4310,  
-57.4005, 24.1780

■ 209.0110,  
-87.2664, 36.8244

■ 228.6290,  
-47.6381, 19.6194

■ 204.4000,  
-97.3182, 40.8682

■ 233.2400,  
-37.5863, 15.5755

■ 203.0150,  
-100.0864, 42.0828

■ 237.8510,  
-27.5345, 11.5317

■ 242.5760,  
-17.0460, 7.3878

■ 247.7740, -7.2836,  
2.8292

■ 252.0430, 1.4578,  
-0.9147

■ 253.8040, 0.5896,  
-2.4591

# Harmonies

## Analogous

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



207.2790, -53.3815, 41.8513



218.8200, -67.4523, 28.2219



210.9790, -48.7966, -28.9226

# Triad

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



218.8200, -67.4523, 28.2219



178.7550, 37.5888, -156.7681



209.2140, 22.5725, 40.1543

# Complementary

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



218.8200, -67.4523, 28.2219



114.1800, 67.4523, -28.2219

# 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.



223.5790, 15.4906, 24.9252



218.8200, -67.4523, 28.2219



175.2330, 39.3251, -153.6793

# Square

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



218.8200, -67.4523, 28.2219



177.2730, 31.9104, -155.4684



201.4550, 26.3977, -67.0510



198.0830, 7.8471, 49.9162



# Rectangle

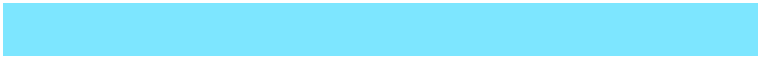
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.8200, -67.4523, 28.2219



201.0560, -25.6636, -75.4711



201.4550, 26.3977, -67.0510



213.3230, 20.5468, 36.5507

# Sweetspot

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



218.8200, -67.4523, 28.2219



245.0770, -20.2510, 8.7025



135.1530, -14.8654, 101.5978



122.1180, -12.3832, 5.1585



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.



218.8200, -67.4523, 28.2219



215.5530, -82.6036, 34.5950



213.1960, -64.6796, -21.2199



122.3440, -5.0996, 2.3293



152.7790, -75.3200, 31.7658



49.3500, -24.3295, 10.2171



# Inverse Universe

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



114.1800, 67.4523, -28.2219



87.4470, 82.6036, -34.5950



119.8040, 64.6796, 21.2199



114.6560, 5.0996, -2.3293



36.2210, 75.3200, -31.7658



11.6500, 24.3296, -10.2171



# Previews

## White Background



This preview shows how the YUV color 218.8200, -67.4523, 28.2219 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

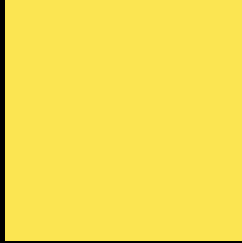
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.8200, -67.4523, 28.2219 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 218.8200, -67.4523, 28.2219

## Background



This preview shows how black text looks on a background with the YUV color 218.8200, -67.4523, 28.2219.



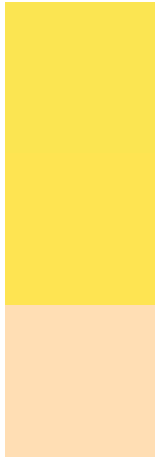
This preview shows how white text looks on a background with the YUV color 218.8200, -67.4523, 28.2219.



# 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

218.8200, -67.4523, 28.2219

### Protanopia

219.1300, -67.6051, 30.5810

### Deuteranopia

227.0790, -23.2099, 24.4867



## Tritanopia

230.4310, -0.2125, 21.5470

# Trichromacy



## Original Color

218.8200, -67.4523, 28.2219

## Protanomaly

218.8310, -67.4577, 29.9662

## Deuteranomaly

224.4370, -39.6554, 25.9268

## Tritanomaly

226.3240, -24.8097, 24.2719

# Monochromacy



## Original Color

218.8200, -67.4523, 28.2219

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

219.2360, -24.7663, 10.3170

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.8200, -67.4523, 28.2219 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(251, 229, 82)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 82)  
}
```

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(251, 229, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 82) }
```

## Border

The CSS property to change the border of an element to YUV 218.8200, -67.4523, 28.2219 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(251, 229, 82) }
```



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

```
.border{ border-color:rgb(251, 229, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 82);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
82) }
```

# Background

The CSS property to change the background color of an element to YUV 218.8200, -67.4523, 28.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 82) }
```

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

```
.background{ background-color: rgb(251,  
229, 82) }
```

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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