

Converting Colors

YUV(218.9890, -50.2806,
27.1966)

Have a look what the booklet for
YUV(218.9890, -50.2806, 27.1966)
contains.

YUV(218.9890, -50.2806, 27.1966)	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(218.9890, -50.2806,
27.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	FADF75
RGB	250, 223, 117
RGB Percent	98%, 87%, 46%
CMY	0.0196, 0.1255, 0.5412
CMYK	0.00, 0.11, 0.53, 0.02
HSL	48°, 93%, 72%
HSV	48°, 53%, 98%
XYZ	69.0229, 74.3837, 27.5492
YIQ	218.9890, 50.1180, -27.2420

Conversions

Conversions Part 2

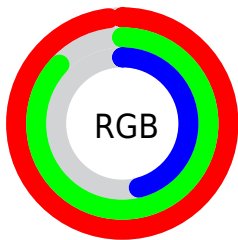
Format	Color
RYB	151, 250, 117
Decimal	16441205
CIELab	89.10, -3.61, 54.72
CIELCh	89, 54.835, 93.774
Yxy	74.3837, 0.4037, 0.4351
Android (android.graphics.Color)	4294631285 (0xFFFFADF5)
YUV	218.9890, -50.2806, 27.1966
Hunter-Lab	86.2460, -8.0764, 41.4334

Details

The YUV color **218.9890, -50.2806, 27.1966** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **148.0110, 50.2806, -27.1966**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4240, -36.6910, 8.3982**, and **163.0210, -48.8174, 24.5376** is the 20% darker color. If you saturate the color by 10%, you get **213.2040, -59.7536, 32.2701**, and if you desaturate by 10%, it is **224.7740, -40.8076, 22.1232**.

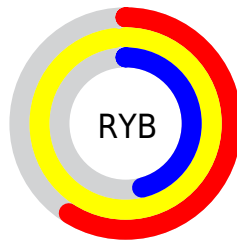
Distribution



Red (98%)

Green (87%)

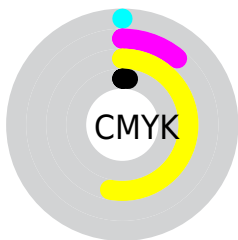
Blue (46%)



Red (59%)

Yellow (98%)

Blue (46%)

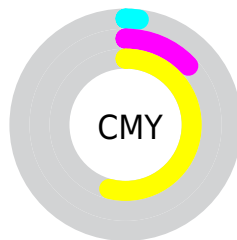


Cyan (0%)

Magenta (11%)

Yellow (53%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.9890, -50.2806, 27.1966 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 218.9890, -50.2806, 27.1966 by changing the saturation by 10% instead.

218.9890,
-50.2806, 27.1966

218.9890,
-50.2806, 27.1966

255.0000, 0.0000,
0.0000

190.6190,
-49.1122, 25.7671

245.4240,
-36.6910, 8.3982

163.0210,
-48.8174, 24.5376

248.6160,
-24.4607, 5.5988

136.0100,
-48.8119, 22.7932

251.9220,
-11.7935, 2.6994

108.2720,
-52.8851, 22.5635

85.9970, -42.3965,
18.4196

64.4230, -31.7605,
13.6610

43.7350, -21.5614,

9.0024

■ 23.9330, -11.7990,
4.4438

■ 0.0000, 0.0000,
0.0000

■ 218.9890,
-50.2806, 27.1966

■ 218.9890,
-50.2806, 27.1966

■ 213.2040,
-59.7536, 32.2701

■ 224.7740,
-40.8076, 22.1232

■ 207.4190,
-69.2266, 37.3435

■ 230.5590,
-31.3346, 17.0498

■ 201.6340,
-78.6996, 42.4170

■ 236.3440,
-21.8616, 11.9763

■ 195.8490,
-88.1726, 47.4904

■ 242.1290,
-12.3886, 6.9029

■ 191.5630,
-94.4406, 51.2492

■ 247.9140, -2.9156,
1.8294

■ 252.3310, 1.3158,
-2.0443

■ 253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



211.5140, -39.6934, 38.1372



218.9890, -50.2806, 27.1966



213.2870, -39.0885, -16.0377

Triad

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



218.9890, -50.2806, 27.1966



175.2330, 39.3251, -153.6793



216.2580, 19.0998, 33.9767

Complementary

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



218.9890, -50.2806, 27.1966



148.0110, 50.2806, -27.1966

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.



222.0290, 16.2547, 13.1296



218.9890, -50.2806, 27.1966



170.5370, 41.6403, -149.5609

Square

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



218.9890, -50.2806, 27.1966



173.4430, 27.3896, -152.1095



207.4680, 23.4333, -49.5224



207.4580, 5.6902, 41.6943

Rectangle

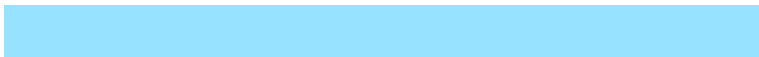
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.9890, -50.2806, 27.1966



207.8020, -23.5664, -48.0614



207.4680, 23.4333, -49.5224



219.7800, 17.3635, 30.8879

Sweetspot

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



218.9890, -50.2806, 27.1966



245.6300, -15.5936, 8.2175



160.0730, -6.9380, 78.8660



122.2150, -9.4730, 5.0734



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.



218.9890, -50.2806, 27.1966



217.0470, -61.6482, 33.2848



223.4760, -52.4927, -10.0645



121.7570, -4.8102, 2.8441



144.5610, -71.2686, 38.9730



47.0020, -23.1720, 12.2762

Inverse Universe

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



148.0110, 50.2806, -27.1966



129.9530, 61.6482, -33.2848



143.5240, 52.4927, 10.0645



115.2430, 4.8102, -2.8441



43.8520, 71.5580, -38.4582



13.9980, 23.1720, -12.2762

Previews

White Background



This preview shows how the YUV color 218.9890, -50.2806, 27.1966 looks on a white background.

Color Contrast Check

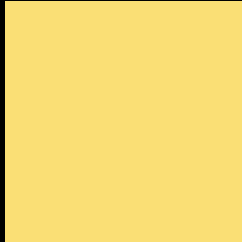
Large Text (above 18pt) WCAG AA × Fail

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 218.9890, -50.2806, 27.1966 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 218.9890, -50.2806, 27.1966

Background



This preview shows how black text looks on a background with the YUV color 218.9890, -50.2806, 27.1966.



This preview shows how white text looks on a background with the YUV color 218.9890, -50.2806, 27.1966.

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

218.9890, -50.2806, 27.1966

Protanopia

218.6790, -50.1277, 24.8375

Deuteranopia

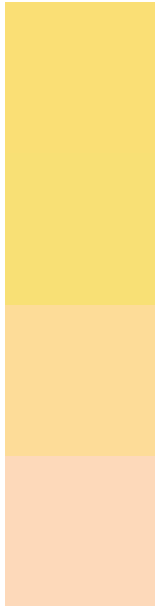
223.8190, -25.5468, 27.3457



Tritanopia

227.0400, -0.5127, 24.5209

Trichromacy



Original Color

218.9890, -50.2806, 27.1966

Protanomaly

218.9780, -50.2752, 25.4523

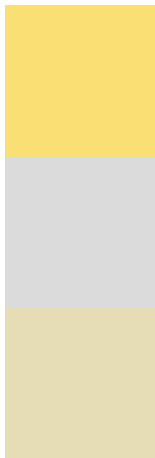
Deuteranomaly

222.1150, -34.5667, 27.0861

Tritanomaly

224.2300, -18.8474, 25.2313

Monochromacy



Original Color

218.9890, -50.2806, 27.1966

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.6580, -18.0724, 9.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.9890, -50.2806, 27.1966 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(250, 223, 117)` looks like.

```
.text, #text, p{  
    color:rgb(250, 223, 117)  
}
```

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(250, 223, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 223, 117) }
```

Border

The CSS property to change the border of an element to YUV 218.9890, -50.2806, 27.1966 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(250, 223, 117) }
```


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

```
.border{ border-color:rgb(250, 223, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 223, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 223, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 223, 117); box-shadow:4px 4px 4px 4px rgb(250, 223, 117) }
```

Background

The CSS property to change the background color of an element to YUV 218.9890, -50.2806, 27.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 223, 117) }
```

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

```
.background{ background-color: rgb(250,  
223, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor