

# Converting Colors

YUV(207.8500, -56.1280,  
36.0886)

Have a look what the booklet for  
YUV(207.8500, -56.1280, 36.0886)  
contains.

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# Color

**YUV(207.8500, -56.1280,  
36.0886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9D15E
RGB	249, 209, 94
RGB Percent	98%, 82%, 37%
CMY	0.0235, 0.1804, 0.6314
CMYK	0.00, 0.16, 0.62, 0.02
HSL	45°, 93%, 67%
HSV	45°, 62%, 98%
XYZ	63.8878, 66.5488, 20.0676
YIQ	207.8500, 60.7550, -27.2850

# Conversions

## Conversions Part 2

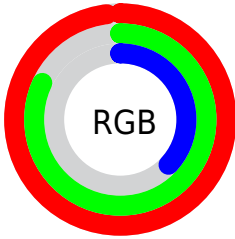
Format	Color
R <sub>Y</sub> B	148, 249, 94
Decimal	16372062
CIE Lab	85.28, 1.46, 60.80
CIE LCh	85, 60.813, 88.628
Yxy	66.5488, 0.4245, 0.4422
Android (android.graphics.Color)	4294562142 (0xFFFF9D15E)
YUV	207.8500, -56.1280, 36.0886
Hunter-Lab	81.5775, -2.9674, 42.5192

# Details

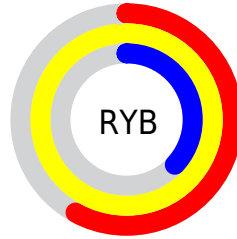
The YUV color **207.8500, -56.1280, 36.0886** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **135.1500, 56.1280, -36.0886**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8020, -46.7374, 10.6976**, and **151.9420, -55.6804, 32.4999** is the 20% darker color. If you saturate the color by 10%, you get **201.4780, -65.3117, 41.6768**, and if you desaturate by 10%, it is **214.2220, -46.9444, 30.5003**.

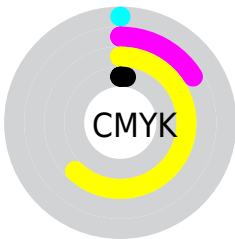
# Distribution



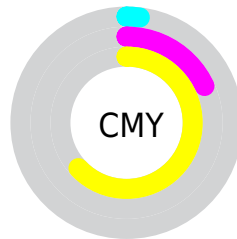
- Red (98%)
- Green (82%)
- Blue (37%)



- Red (58%)
- Yellow (98%)
- Blue (37%)



- Cyan (0%)
- Magenta (16%)
- Yellow (62%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 207.8500, -56.1280, 36.0886 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 207.8500, -56.1280, 36.0886 by changing the saturation by 10% instead.



207.8500,  
-56.1280, 36.0886

207.8500,  
-56.1280, 36.0886

255.0000, 0.0000,  
0.0000

179.9530,  
-55.6858, 34.2442

242.8020,  
-46.7374, 10.6976

151.9420,  
-55.6804, 32.4999

245.9940,  
-34.5070, 7.8983

123.5630,  
-60.9166, 31.9552

249.1860,  
-22.2767, 5.0989

100.2170,  
-49.4070, 26.9967

252.4920, -9.6096,  
2.1995

78.0560, -38.4816,  
22.7529

56.7700, -27.9876,  
16.8647

36.6690, -18.0778,

11.6913

■ 17.1660, -8.4628,  
7.7474

■ 0.0000, 0.0000,  
0.0000

■ 207.8500,  
-56.1280, 36.0886

■ 207.8500,  
-56.1280, 36.0886

■ 201.4780,  
-65.3117, 41.6768

■ 214.2220,  
-46.9444, 30.5003

■ 194.5190,  
-74.2059, 47.7798

■ 221.1810,  
-38.0502, 24.3973

■ 188.1470,  
-83.3895, 53.3681

■ 227.5530,  
-28.8666, 18.8090

■ 183.0460,  
-90.2417, 57.8417

■ 234.5120,  
-19.9724, 12.7060

240.8840,  
-10.7888, 7.1177

247.7290, -2.3314,  
1.1147

252.6190, 1.1738,  
-3.1739

253.2060, 0.8844,  
-3.6887

# Harmonies

## Analogous

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



199.8250, -41.3257, 48.3885



207.8500, -56.1280, 36.0886



202.0830, -46.3829, -9.7198

# Triad

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



207.8500, -56.1280, 36.0886



170.5370, 41.6403, -149.5609



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.



207.8500, -56.1280, 36.0886



135.1500, 56.1280, -36.0886

# 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.



209.2710, 22.5444, 2.3933



207.8500, -56.1280, 36.0886



166.4280, 43.6660, -145.9574

# Square

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



207.8500, -56.1280, 36.0886



165.7660, 20.8214, -145.3768



187.5120, 33.2716, -78.5020



197.3650, 10.1731, 50.5459



# Rectangle

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



207.8500, -56.1280, 36.0886



195.9890, -30.5606, -44.7174



187.5120, 33.2716, -78.5020



213.3230, 20.5468, 36.5507

# Sweetspot

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



207.8500, -56.1280, 36.0886



241.8970, -17.2042, 11.4913



145.0190, -4.9394, 91.1913



119.8840, -10.7888, 7.1177



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.



207.8500, -56.1280, 36.0886



204.4630, -69.2483, 44.3209



220.5660, -62.3970, -6.6354



121.7570, -4.8102, 2.8441



138.6910, -68.3747, 44.1210



44.6540, -22.0144, 14.3354



# Inverse Universe

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



135.1500, 56.1280, -36.0886



114.5370, 69.2483, -44.3209



122.4340, 62.3970, 6.6354



115.8300, 4.5208, -3.3589



50.3090, 68.3747, -44.1210



16.3460, 22.0144, -14.3354



# Previews

## White Background



This preview shows how the YUV color 207.8500, -56.1280, 36.0886 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

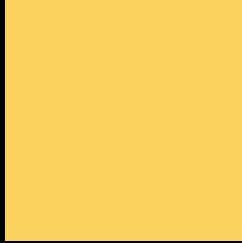
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 207.8500, -56.1280, 36.0886 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 207.8500, -56.1280, 36.0886

## Background



This preview shows how black text looks on a background with the YUV color 207.8500, -56.1280, 36.0886.



This preview shows how white text looks on a background with the YUV color 207.8500, -56.1280, 36.0886.



# 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

207.8500, -56.1280, 36.0886

### Protanopia

206.7240, -55.0799, 26.5521

### Deuteranopia

211.2860, -40.5670, 38.3372



## Tritanopia

216.6390, -2.2870, 33.6426

# Trichromacy



## Original Color

207.8500, -56.1280, 36.0886

## Protanomaly

207.3330, -55.3802, 29.5260

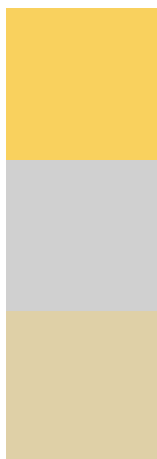
## Deuteranomaly

209.7930, -46.2399, 37.8925

## Tritanomaly

213.4870, -21.9321, 34.6529

# Monochromacy



## Original Color

207.8500, -56.1280, 36.0886

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

207.8110, -20.1198, 13.3208

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.8500, -56.1280, 36.0886 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(249, 209, 94)` looks like.

```
.text, #text, p{  
    color:rgb(249, 209, 94)  
}
```

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(249, 209, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 209, 94) }
```

## Border

The CSS property to change the border of an element to YUV 207.8500, -56.1280, 36.0886 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(249, 209, 94) }
```



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

```
.border{ border-color:rgb(249, 209, 94) }
```

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

Here you see how a box with a 4 pixel rgb(249, 209, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 209, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 209, 94);  
box-shadow:4px 4px 4px 4px rgb(249, 209,  
94) }
```

# Background

The CSS property to change the background color of an element to YUV 207.8500, -56.1280, 36.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 209, 94) }
```

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

```
.background{ background-color: rgb(249,  
209, 94) }
```

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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