

# Converting Colors

YUV(210.6530, -57.5099,  
12.5823)

Have a look what the booklet for  
YUV(210.6530, -57.5099, 12.5823)  
contains.

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# Color

**YUV(210.6530, -57.5099,  
12.5823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E25E
RGB	225, 226, 94
RGB Percent	88%, 89%, 37%
CMY	0.1176, 0.1137, 0.6314
CMYK	0.00, 0.00, 0.58, 0.11
HSL	60°, 69%, 63%
HSV	60°, 58%, 89%
XYZ	60.2681, 71.2084, 21.1578
YIQ	210.6530, 41.7760, -41.2640

# Conversions

## Conversions Part 2

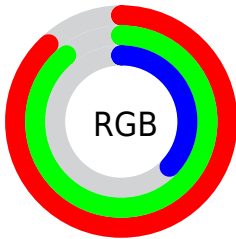
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 226, 95
Decimal	14803550
CIE <sub>Lab</sub>	87.59, -16.94, 62.75
CIE <sub>LCh</sub>	88, 65.000, 105.103
Yxy	71.2084, 0.3949, 0.4665
Android (android.graphics.Color)	4292993630 (0xFFE1E25E)
YUV	210.6530, -57.5099, 12.5823
Hunter-Lab	84.3851, -20.1887, 44.2038

# Details

The YUV color **210.6530, -57.5099, 12.5823** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **109.3470, 57.5099, -12.5823**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9160, -46.3006, 10.5977**, and **154.5280, -57.9413, 10.9379** is the 20% darker color. If you saturate the color by 10%, you get **208.0310, -67.5563, 14.8818**, and if you desaturate by 10%, it is **213.2750, -47.4636, 10.2828**.

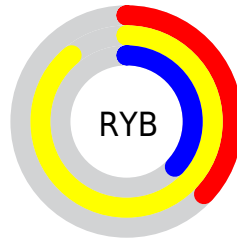
# Distribution



Red (88%)

Green (89%)

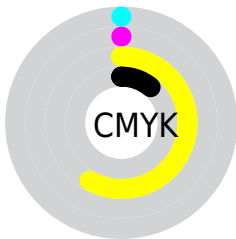
Blue (37%)



Red (37%)

Yellow (89%)

Blue (37%)

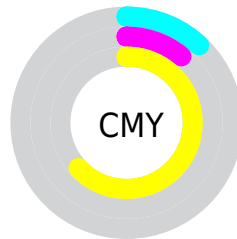


Cyan (0%)

Magenta (0%)

Yellow (58%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.6530, -57.5099, 12.5823 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 210.6530, -57.5099, 12.5823 by changing the saturation by 10% instead.



210.6530,  
-57.5099, 12.5823

210.6530,  
-57.5099, 12.5823

255.0000, 0.0000,  
0.0000

182.3540,  
-57.3625, 11.9675

242.9160,  
-46.3006, 10.5977

154.5280,  
-57.9413, 10.9379

246.1080,  
-34.0702, 7.7983

126.0890,  
-62.1619, 11.3229

249.3000,  
-21.8399, 4.9989

103.0420,  
-50.7997, 6.9792

252.7200, -8.7360,  
1.9996

80.2940, -39.5849,  
3.2502

58.7200, -28.9490,  
-1.5084

38.3310, -18.8972,

-5.5523

■ 17.0230, -8.3923,  
-14.9292

■ 0.0000, 0.0000,  
0.0000

■ 210.6530,  
-57.5099, 12.5823

■ 210.6530,  
-57.5099, 12.5823

■ 208.0310,  
-67.5563, 14.8818

■ 213.2750,  
-47.4636, 10.2828

■ 205.5230,  
-77.1658, 17.0813

■ 215.7830,  
-37.8540, 8.0833

■ 202.6020,  
-87.0648, 18.7660

■ 218.7040,  
-27.9551, 6.3986

■ 200.0940,  
-96.6743, 20.9656

■ 221.2120,  
-18.3455, 4.1991

■ 199.6380,  
-98.4215, 21.3655

■ 223.8340, -8.2992,  
1.8996

■ 226.4560, 1.7472,  
-0.3999

■ 228.9640, 11.3567,  
-2.5994

■ 229.3060, 12.6671,  
-2.8994

■ 229.6050, 12.5197,  
-2.2846

# Harmonies

## Analogous

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



207.6380, -54.5445, 41.5365



210.6530, -57.5099, 12.5823



202.5180, -36.2444, -41.6733

# Triad

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



210.6530, -57.5099, 12.5823



174.0590, 39.9039, -152.6497



204.8770, 23.7246, 43.9579

# Complementary

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



210.6530, -57.5099, 12.5823



109.3470, 57.5099, -12.5823

# 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.



217.4320, 18.5210, 32.9471



210.6530, -57.5099, 12.5823



167.0150, 43.3766, -146.4722

# Square

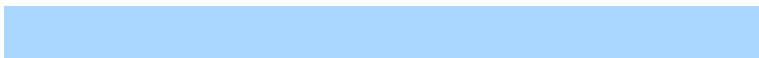
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.6530, -57.5099, 12.5823



175.8370, 36.5624, -154.2090



206.1050, 24.1052, -31.6641



196.0480, -2.4887, 51.7009



# Rectangle

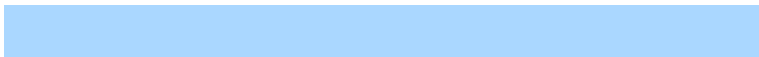
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.6530, -57.5099, 12.5823



191.0080, -12.8219, -87.7070



206.1050, 24.1052, -31.6641



208.6270, 22.8619, 40.6691

# Sweetspot

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



210.6530, -57.5099, 12.5823



249.7560, -20.0927, 4.5990



133.4680, -19.4577, 81.1506



124.3950, -12.5197, 2.2846



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.



210.6530, -57.5099, 12.5823



234.4090, -77.6026, 17.1813



191.2180, -47.9285, -27.3782



110.7460, -4.8048, 1.0998



155.6370, -76.7290, 16.9814



42.5280, -20.9663, 4.7989



# Inverse Universe

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



109.3470, 57.5099, -12.5823



97.5910, 77.6026, -17.1813



128.7820, 47.9285, 27.3782



102.2540, 4.8048, -1.0998



20.3630, 76.7290, -16.9814



5.4720, 20.9663, -4.7989



# Previews

## White Background



This preview shows how the YUV color 210.6530, -57.5099, 12.5823 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

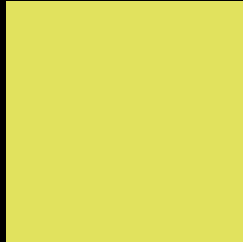
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 210.6530, -57.5099, 12.5823 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 210.6530, -57.5099, 12.5823 Background



This preview shows how black text looks on a background with the YUV color 210.6530, -57.5099, 12.5823.



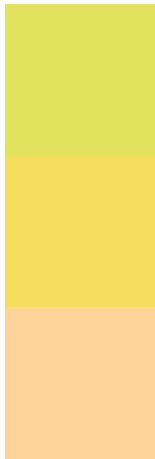
This preview shows how white text looks on a background with the YUV color 210.6530, -57.5099, 12.5823.



# 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

210.6530, -57.5099, 12.5823

### Protanopia

212.5840, -59.4479, 27.5518

### Deuteranopia

218.2450, -31.6728, 32.2341



## Tritanopia

221.7120, 3.5930, 14.2846

# Trichromacy



## Original Color

210.6530, -57.5099, 12.5823

## Protanomaly

211.7790, -58.5580, 22.1188

## Deuteranomaly

215.3830, -41.1078, 25.0971

## Tritanomaly

217.5660, -18.5200, 13.5356

# Monochromacy



## Original Color

210.6530, -57.5099, 12.5823

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

210.5280, -20.9663, 4.7989

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.6530, -57.5099, 12.5823 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(225, 226, 94)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 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(225, 226, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 94) }
```

## Border

The CSS property to change the border of an element to YUV 210.6530, -57.5099, 12.5823 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(225, 226, 94) }
```



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

```
.border{ border-color:rgb(225, 226, 94) }
```

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

Here you see how a box with a 4 pixel rgb(225, 226, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 94);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
94) }
```

# Background

The CSS property to change the background color of an element to YUV 210.6530, -57.5099, 12.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 94) }
```

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

```
.background{ background-color: rgb(225,  
226, 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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