

# Converting Colors

YUV(203.4540, -82.5548,  
18.8958)

Have a look what the booklet for  
YUV(203.4540, -82.5548, 18.8958)  
contains.

<b>YUV(203.4540, -82.5548, 18.8958)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(203.4540, -82.5548,  
18.8958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E124
RGB	225, 225, 36
RGB Percent	88%, 88%, 14%
CMY	0.1176, 0.1176, 0.8588
CMYK	0.00, 0.00, 0.84, 0.12
HSL	60°, 76%, 51%
HSV	60°, 84%, 88%
XYZ	58.2950, 69.9854, 12.1051
YIQ	203.4540, 60.6690, -58.7790

# Conversions

## Conversions Part 2

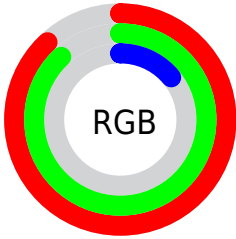
Format	Color
R <sub>Y</sub> B	36, 225, 36
Decimal	14803236
CIE Lab	86.99, -19.10, 81.40
CIE LCh	87, 83.612, 103.209
Yxy	69.9854, 0.4152, 0.4985
Android (android.graphics.Color)	4292993316 (0xFFE1E124)
YUV	203.4540, -82.5548, 18.8958
Hunter-Lab	83.6572, -22.0158, 49.9809

# Details

The YUV color **203.4540, -82.5548, 18.8958** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **57.5460, 82.5548, -18.8958**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5580, -66.8301, 15.2966**, and **149.1250, -73.5186, 13.9224** is the 20% darker color. If you saturate the color by 10%, you get **200.8320, -92.6012, 21.1953**, and if you desaturate by 10%, it is **205.9620, -72.9453, 16.6963**.

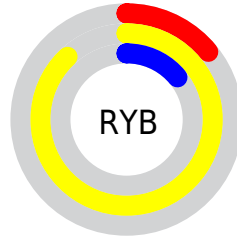
# Distribution



Red (88%)

Green (88%)

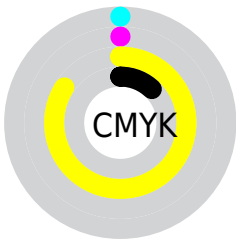
Blue (14%)



Red (14%)

Yellow (88%)

Blue (14%)

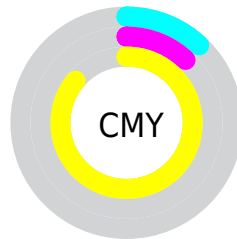


Cyan (0%)

Magenta (0%)

Yellow (84%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 203.4540, -82.5548, 18.8958 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 203.4540, -82.5548, 18.8958 by changing the saturation by 10% instead.



■ 203.4540,  
-82.5548, 18.8958

■ 203.4540,  
-82.5548, 18.8958

■ 255.0000, 0.0000,  
0.0000

■ 173.9440,  
-85.7544, 18.4661

■ 237.5580,  
-66.8301, 15.2966

■ 149.1250,  
-73.5186, 13.9224

■ 240.9780,  
-53.7262, 12.2973

■ 125.1920,  
-61.7197, 9.4786

■ 244.2840,  
-41.0590, 9.3979

■ 101.5580,  
-50.0681, 5.6496

■ 247.5900,  
-28.3919, 6.4986

■ 79.0980, -38.9953,  
0.7911

■ 251.0100,  
-15.2879, 3.4992

■ 56.6380, -27.9225,  
-4.0675

■ 254.4300, -2.1840,

■ 35.9500, -17.7233,

0.4999

-8.7261

■ 16.4360, -8.1029,  
-14.4144

■ 0.0000, 0.0000,  
0.0000

■ 203.4540,  
-82.5548, 18.8958

■ 203.4540,  
-82.5548, 18.8958

■ 200.8320,  
-92.6012, 21.1953

■ 205.9620,  
-72.9453, 16.6963

■ 199.3500,  
-98.2795, 22.4951

■ 208.5840,  
-62.8989, 14.3968

■ 211.0920,  
-53.2894, 12.1973

■ 213.7140,  
-43.2430, 9.8978

■ 216.2220,  
-33.6334, 7.6983

■ 218.8440,  
-23.5871, 5.3988

■ 221.3520,  
-13.9775, 3.1993

■ 223.9740, -3.9312,  
0.8998

■ 226.4820, 5.6784,  
-1.2997

# Harmonies

## Analogous

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



198.3990, -72.1747, 49.6391



203.4540, -82.5548, 18.8958



193.6080, -49.5997, -51.3992

# Triad

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



203.4540, -82.5548, 18.8958



176.9940, 38.4570, -155.2237



192.7780, 30.6754, 54.5687

# Complementary

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



203.4540, -82.5548, 18.8958



57.5460, 82.5548, -18.8958

# 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.



211.5620, 21.4149, 38.0951



203.4540, -82.5548, 18.8958



169.3630, 42.2190, -148.5314

# Square

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



203.4540, -82.5548, 18.8958



178.4130, 36.2784, -156.4682



191.4540, 31.3282, -61.7882



180.2160, 2.8515, 65.5856



# Rectangle

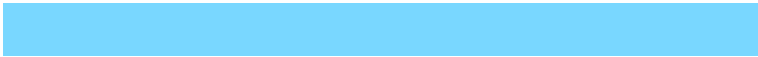
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.4540, -82.5548, 18.8958



162.9380, -10.3224, -142.8966



191.4540, 31.3282, -61.7882



198.0610, 28.0709, 49.9355

# Sweetspot

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



203.4540, -82.5548, 18.8958



247.7040, -27.9551, 6.3986



92.5110, -27.8599, 116.1929



123.5540, -17.0351, 3.8991



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.



203.4540, -82.5548, 18.8958



225.9300, -111.3835, 25.4944



175.0490, -68.5512, -39.5080



110.7460, -4.8048, 1.0998



155.9360, -76.8764, 17.5961



42.5280, -20.9663, 4.7989



# Inverse Universe

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



57.5460, 82.5548, -18.8958



29.0700, 111.3835, -25.4944



85.6520, 68.6986, 38.8932



102.2540, 4.8048, -1.0998



20.0640, 76.8764, -17.5961

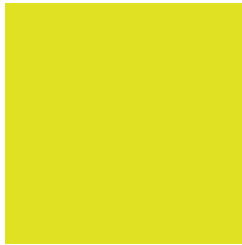


5.4720, 20.9663, -4.7989



# Previews

## White Background



This preview shows how the YUV color 203.4540, -82.5548, 18.8958 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 203.4540, -82.5548, 18.8958 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 203.4540, -82.5548, 18.8958

## Background



This preview shows how black text looks on a background with the YUV color 203.4540, -82.5548, 18.8958.



This preview shows how white text looks on a background with the YUV color 203.4540, -82.5548, 18.8958.



# 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

203.4540, -82.5548, 18.8958

### Protanopia

205.0970, -84.3508, 34.9949

### Deuteranopia

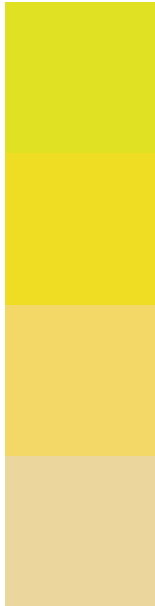
216.2900, -36.6250, 33.9487



## Tritanopia

220.2070, 2.8559, 17.3585

# Trichromacy



## Original Color

203.4540, -82.5548, 18.8958

## Protanomaly

204.8790, -83.7503, 29.0471

## Deuteranomaly

211.4900, -53.4856, 28.5113

## Tritanomaly

214.3680, -28.2824, 18.0943

# Monochromacy



## Original Color

203.4540, -82.5548, 18.8958

## Achromatopsia

203.0000, 0.0000, 0.0000

## Achromatomaly

203.1340, -30.1391, 6.8985

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 203.4540, -82.5548, 18.8958 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, 225, 36)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 36)  
}
```

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, 225, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 36) }
```

## Border

The CSS property to change the border of an element to YUV 203.4540, -82.5548, 18.8958 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, 225, 36) }
```



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

```
.border{ border-color:rgb(225, 225, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 36);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
36) }
```

# Background

The CSS property to change the background color of an element to YUV 203.4540, -82.5548, 18.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 36) }
```

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

```
.background{ background-color: rgb(225,  
225, 36) }
```

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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