

Converting Colors

YUV(203.5830, -37.7554,
23.1677)

Have a look what the booklet for
YUV(203.5830, -37.7554, 23.1677)
contains.

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Color

**YUV(203.5830, -37.7554,
23.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CD7F
RGB	230, 205, 127
RGB Percent	90%, 80%, 50%
CMY	0.0980, 0.1961, 0.5020
CMYK	0.00, 0.11, 0.45, 0.10
HSL	45°, 67%, 70%
HSV	45°, 45%, 90%
XYZ	58.2952, 62.0179, 28.9768
YIQ	203.5830, 39.9380, -18.9580

Conversions

Conversions Part 2

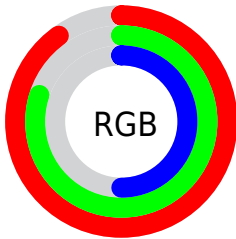
Format	Color
RYB	160, 230, 127
Decimal	15125887
CIELab	82.92, -1.58, 41.91
CIElCh	83, 41.941, 92.153
Yxy	62.0179, 0.3905, 0.4154
Android (android.graphics.Color)	4293315967 (0xFFE6CD7F)
YUV	203.5830, -37.7554, 23.1677
Hunter-Lab	78.7515, -5.6817, 33.3101

Details

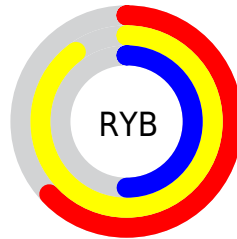
The YUV color $203.5830, -37.7554, 23.1677$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $153.4170, 37.7554, -23.1677$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, -32.3231, 7.3984$, and $149.0280, -36.0028, 21.0234$ is the 20% darker color. If you saturate the color by 10%, you get $197.4390, -46.0654, 28.5560$, and if you desaturate by 10%, it is $209.7270, -29.4454, 17.7794$.

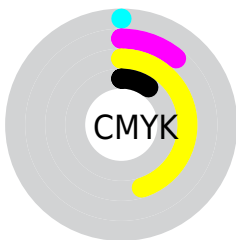
Distribution



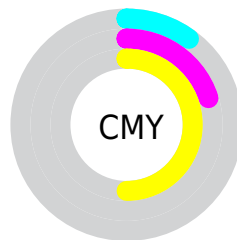
- Red (90%)
- Green (80%)
- Blue (50%)



- Red (63%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.5830, -37.7554, 23.1677 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 203.5830, -37.7554, 23.1677 by changing the saturation by 10% instead.

■ 203.5830,
-37.7554, 23.1677

■ 203.5830,
-37.7554, 23.1677

255.0000, 0.0000,
0.0000

■ 176.0990,
-37.0238, 21.8382

■ 246.5640,
-32.3231, 7.3984

■ 149.0280,
-36.0028, 21.0234

■ 249.7560,
-20.0927, 4.5990

■ 122.5440,
-35.2712, 19.6939

■ 252.9480, -7.8624,
1.7996

■ 97.0600, -34.5396,
18.3644

■ 72.4080, -35.6971,
16.3052

■ 51.4320, -25.3560,
12.7761

■ 31.6300, -15.5936,

8.2175

■ 10.0450, -4.9522,
1.7145

■ 0.0000, 0.0000,
0.0000

■ 203.5830,
-37.7554, 23.1677

■ 203.5830,
-37.7554, 23.1677

■ 197.4390,
-46.0654, 28.5560

■ 209.7270,
-29.4454, 17.7794

■ 191.8820,
-54.6648, 33.4295

■ 215.2840,
-20.8460, 12.9059

■ 185.7380,
-62.9748, 38.8178

■ 221.4280,
-12.5360, 7.5176

■ 180.1810,
-71.5742, 43.6913

■ 226.9850, -3.9366,
2.6442

■ 174.0370,
-79.8842, 49.0796

■ 233.1290, 4.3734,
-2.7441

■ 170.9080,
-84.2576, 51.8237

■ 237.5460, 8.6048,
-6.6178

■ 241.0680, 6.8685,
-9.7066

■ 244.5900, 5.1321,
-12.7954

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



204.0940, -32.5843, 44.6446



203.5830, -37.7554, 23.1677



199.3230, -30.2322, -9.9303

Triad

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



203.5830, -37.7554, 23.1677



175.7700, 35.1164, -110.3003



210.8950, 16.3208, 38.6801

Complementary

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



203.5830, -37.7554, 23.1677



153.4170, 37.7554, -23.1677

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.



207.8200, 23.2597, 6.2969



203.5830, -37.7554, 23.1677



184.5220, 34.7457, -84.6498

Square

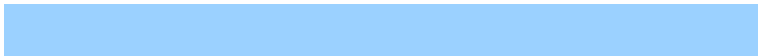
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.5830, -37.7554, 23.1677



184.1590, 11.7536, -83.4544



198.0980, 28.0527, -37.7969



202.9270, 1.0220, 45.6680

Rectangle

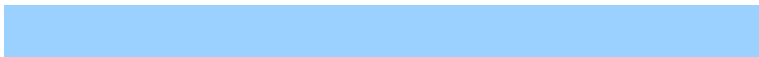
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.5830, -37.7554, 23.1677



195.1550, -18.8104, -33.4619



198.0980, 28.0527, -37.7969



211.8060, 21.2946, 29.9881

Sweetspot

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



203.5830, -37.7554, 23.1677



246.5420, -12.0992, 7.4177



160.7610, -3.8262, 60.7226



122.6710, -7.7258, 4.6735



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.



203.5830, -37.7554, 23.1677



219.8970, -50.7282, 30.7853



210.4840, -41.1576, -5.6865



111.8710, -4.3734, 2.7441



132.7660, -65.4536, 40.5472



38.1420, -18.8040, 11.2765

Inverse Universe

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



153.4170, 37.7554, -23.1677



152.6900, 50.4388, -31.3001



146.5160, 41.1576, 5.6865



106.1290, 4.3734, -2.7441



45.6470, 65.7430, -40.0324



12.8580, 18.8040, -11.2765

Previews

White Background



This preview shows how the YUV color 203.5830, -37.7554, 23.1677 looks on a white background.

Color Contrast Check

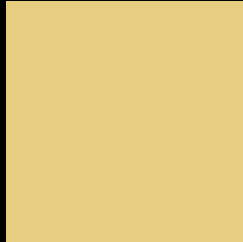
Large Text (above 18pt) WCAG AA × Fail

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 203.5830, -37.7554, 23.1677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

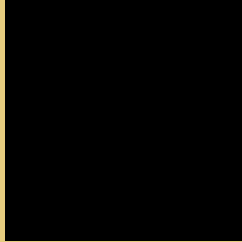
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.5830, -37.7554, 23.1677

Background



This preview shows how black text looks on a background with the YUV color 203.5830, -37.7554, 23.1677.



This preview shows how white text looks on a background with the YUV color 203.5830, -37.7554, 23.1677.

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

203.5830, -37.7554, 23.1677

Protanopia

203.3760, -37.1604, 18.9642

Deuteranopia

205.0950, -37.5148, 39.3817



Tritanopia

209.5670, 0.2135, 24.9357

Trichromacy



Original Color

203.5830, -37.7554, 23.1677

Protanomaly

203.3870, -37.1658, 20.7086

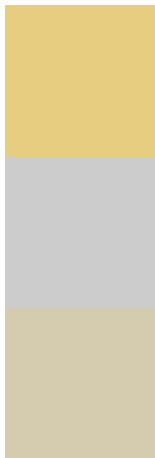
Deuteranomaly

204.6490, -37.7880, 33.6338

Tritanomaly

207.5980, -13.6058, 24.0316

Monochromacy



Original Color

203.5830, -37.7554, 23.1677

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.4990, -13.5570, 8.3324

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5830, -37.7554, 23.1677 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(230, 205, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 205, 127)  
}
```

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(230, 205, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 205, 127) }
```

Border

The CSS property to change the border of an element to YUV 203.5830, -37.7554, 23.1677 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(230, 205, 127) }
```


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

```
.border{ border-color:rgb(230, 205, 127) }
```

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

Here you see how a box with a 4 pixel rgb(230, 205, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 205, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 205, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 205,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 203.5830, -37.7554, 23.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 205, 127) }
```

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

```
.background{ background-color: rgb(230,  
205, 127) }
```

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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