

Converting Colors

YUV(202.5890, -36.7724,
34.5634)

Have a look what the booklet for
YUV(202.5890, -36.7724, 34.5634)
contains.

YUV(202.5890, -36.7724, 34.5634)	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(202.5890, -36.7724,
34.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C580
RGB	242, 197, 128
RGB Percent	95%, 77%, 50%
CMY	0.0510, 0.2275, 0.4980
CMYK	0.00, 0.19, 0.47, 0.05
HSL	36°, 81%, 73%
HSV	36°, 47%, 95%
XYZ	60.4805, 60.3683, 28.8866
YIQ	202.5890, 48.9690, -11.9190

Conversions

Conversions Part 2

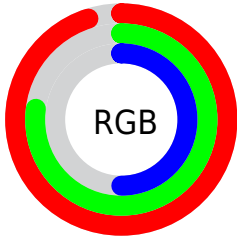
Format	Color
R_{YB}	202, 242, 128
Decimal	15910272
CIE Lab	82.04, 7.48, 40.52
CIE LCh	82, 41.204, 79.537
Yxy	60.3683, 0.4039, 0.4032
Android (android.graphics.Color)	4294100352 (0xFFFF2C580)
YUV	202.5890, -36.7724, 34.5634
Hunter-Lab	77.6970, 2.9772, 32.3447

Details

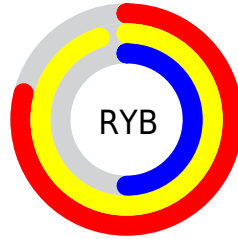
The YUV color $202.5890, -36.7724, 34.5634$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $167.4110, 36.7724, -34.5634$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0910, -31.5969, 7.8132$, and $147.7350, -34.8724, 31.8044$ is the 20% darker color. If you saturate the color by 10%, you get $193.9830, -44.3616, 42.1109$, and if you desaturate by 10%, it is $211.1950, -29.1831, 27.0160$.

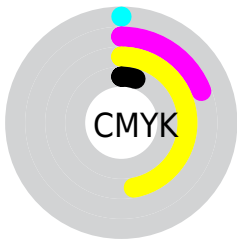
Distribution



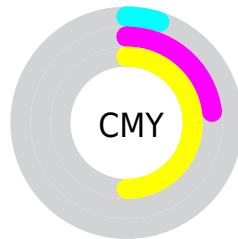
- Red (95%)
- Green (77%)
- Blue (50%)



- Red (79%)
- Yellow (95%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5890, -36.7724, 34.5634 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 202.5890, -36.7724, 34.5634 by changing the saturation by 10% instead.

202.5890,
-36.7724, 34.5634

202.5890,
-36.7724, 34.5634

255.0000, 0.0000,
0.0000

175.1050,
-36.0408, 33.2339

246.0910,
-31.5969, 7.8132

147.7350,
-34.8724, 31.8044

249.8700,
-19.6559, 4.4990

121.6530,
-33.8459, 29.2453

253.0620, -7.4256,
1.6996

96.1690, -33.1143,
27.9158

71.5170, -34.2719,
25.8566

50.6010, -24.9463,
21.3979

30.5000, -15.0365,

16.2245

■ 7.7630, -3.8272,
14.2398

■ 0.0000, 0.0000,
0.0000

■ 202.5890,
-36.7724, 34.5634

■ 202.5890,
-36.7724, 34.5634

■ 193.9830,
-44.3616, 42.1109

■ 211.1950,
-29.1831, 27.0160

■ 185.9640,
-52.2403, 49.1436

■ 219.2140,
-21.3045, 19.9833

■ 177.2440,
-60.2663, 56.7910

■ 227.9340,
-13.2785, 12.3359

■ 169.2250,
-68.1449, 63.8237

■ 235.9530, -5.3998,
5.3032

160.6190,
-75.7342, 71.3711

244.5590, 2.1894,
-2.2442

158.0600,
-77.9236, 73.6154

250.5260, 2.2057,
-7.4773

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



201.0110, -26.6274, 47.3484



202.5890, -36.7724, 34.5634



199.0860, -34.0594, 4.3096

Triad

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



202.5890, -36.7724, 34.5634



177.0180, 25.6271, -99.9938



209.4250, 22.4685, 26.8143

Complementary

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



202.5890, -36.7724, 34.5634



167.4110, 36.7724, -34.5634

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.



202.3940, 25.9348, -11.7465



202.5890, -36.7724, 34.5634



178.5310, 37.6992, -98.6897

Square

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



202.5890, -36.7724, 34.5634



186.2230, 1.3691, -65.9706



191.1880, 31.4593, -57.1699



204.5230, 7.1372, 44.2683

Rectangle

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



202.5890, -36.7724, 34.5634



195.4190, -25.8426, -17.9075



191.1880, 31.4593, -57.1699



207.8750, 23.2326, 15.0186

Sweetspot

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



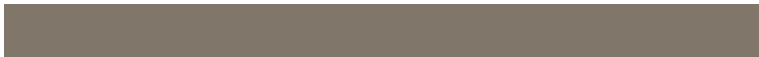
202.5890, -36.7724, 34.5634



242.6780, -11.6733, 10.8064



167.3300, 3.2883, 65.4856



120.2090, -7.0050, 6.8327



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.



202.5890, -36.7724, 34.5634



205.0110, -46.8404, 43.8404



225.7150, -48.1735, 4.6349



115.6970, -3.7946, 3.7737



120.1730, -59.2453, 55.9763



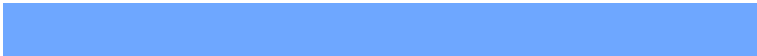
36.7020, -18.0941, 16.9243

Inverse Universe

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



167.4110, 36.7724, -34.5634



159.9890, 46.8404, -43.8404



144.2850, 48.1735, -4.6349



112.3030, 3.7946, -3.7737



63.2400, 59.5347, -55.4615



19.2980, 18.0941, -16.9243

Previews

White Background



This preview shows how the YUV color 202.5890, -36.7724, 34.5634 looks on a white background.

Color Contrast Check

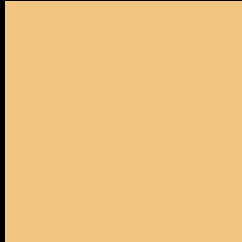
Large Text (above 18pt) WCAG AA × Fail

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 202.5890, -36.7724, 34.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

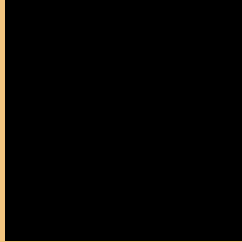
Any Text WCAG AA ✓ Pass

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 202.5890, -36.7724, 34.5634 Background



This preview shows how black text looks on a background with the YUV color 202.5890, -36.7724, 34.5634.



This preview shows how white text looks on a background with the YUV color 202.5890, -36.7724,

34.5634.

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

202.5890, -36.7724, 34.5634

Protanopia

201.0600, -34.5396, 18.3644

Deuteranopia

202.9100, -36.9306, 38.6669



Tritanopia

207.8350, -2.8767, 36.1017

Trichromacy



Original Color

202.5890, -36.7724, 34.5634

Protanomaly

201.2780, -35.1401, 24.3122

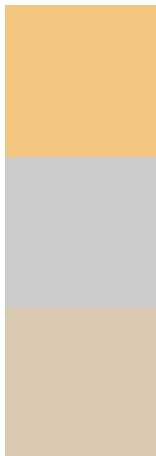
Deuteranomaly

202.8990, -36.9252, 36.9226

Tritanomaly

205.6210, -15.0962, 35.4124

Monochromacy



Original Color

202.5890, -36.7724, 34.5634

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.9340, -13.2785, 12.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5890, -36.7724, 34.5634 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(242, 197, 128)` looks like.

```
.text, #text, p{  
    color:rgb(242, 197, 128)  
}
```

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(242, 197, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 197, 128) }
```

Border

The CSS property to change the border of an element to YUV 202.5890, -36.7724, 34.5634 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(242, 197, 128) }
```


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

```
.border{ border-color:rgb(242, 197, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 197, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 197, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 197, 128);  
box-shadow:4px 4px 4px 4px rgb(242, 197,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 202.5890, -36.7724, 34.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 197, 128) }
```

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

```
.background{ background-color: rgb(242,  
197, 128) }
```

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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