

Converting Colors

YUV(158.8900, 37.0292,
-23.5825)

Have a look what the booklet for
YUV(158.8900, 37.0292, -23.5825)
contains.

YUV(158.8900, 37.0292, -23.5825)	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(158.8900, 37.0292,
-23.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	849EEA
RGB	132, 158, 234
RGB Percent	52%, 62%, 92%
CMY	0.4824, 0.3804, 0.0824
CMYK	0.44, 0.32, 0.00, 0.08
HSL	225°, 71%, 72%
HSV	225°, 44%, 92%
XYZ	36.5939, 35.2998, 82.7267
YIQ	158.8900, -39.8920, 18.1240

Conversions

Conversions Part 2

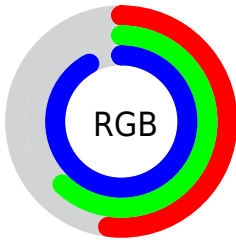
Format	Color
RYB	132, 153, 234
Decimal	8691434
CIELab	65.98, 10.37, -41.15
CIELCh	66, 42.438, 284.149
Yxy	35.2998, 0.2367, 0.2283
Android (android.graphics.Color)	4286881514 (0xFF849EEA)
YUV	158.8900, 37.0292, -23.5825
Hunter-Lab	59.4136, 5.9674, -40.9651

Details

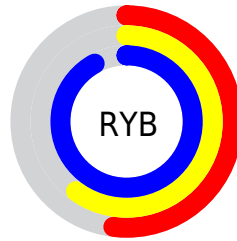
The YUV color **158.8900, 37.0292, -23.5825** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **207.1100, -37.0292, 23.5825**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0250, 22.1727, -18.4389**, and **105.8250, 35.5823, -26.1565** is the 20% darker color. If you saturate the color by 10%, you get **142.0340, 45.3392, -28.9708**, and if you desaturate by 10%, it is **175.7460, 28.7192, -18.1942**.

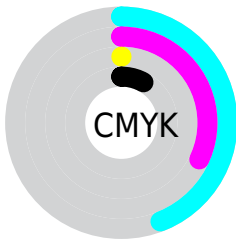
Distribution



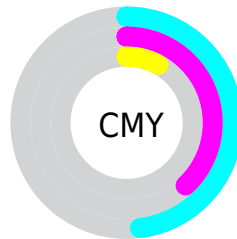
- Red (52%)
- Green (62%)
- Blue (92%)



- Red (52%)
- Yellow (60%)
- Blue (92%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (8%)



- Cyan (48%)
- Magenta (38%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8900, 37.0292, -23.5825 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 158.8900, 37.0292, -23.5825 by changing the saturation by 10% instead.

■ 158.8900, 37.0292,
-23.5825

■ 158.8900, 37.0292,
-23.5825

255.0000, 0.0000,
0.0000

■ 132.0640, 36.4504,
-24.6121

■ 210.0250, 22.1727,
-18.4389

■ 105.8250, 35.5823,
-26.1565

■ 235.7190, 9.5055,
-15.5396

■ 79.6890, 35.1563,
-29.5453

■ 252.6080, 1.1793,
-4.9182

■ 49.7690, 37.0889,
-42.7704

■ 34.1790, 31.9568,
-29.9750

■ 19.7030, 27.2614,
-17.2795

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 158.8900, 37.0292,
-23.5825

■ 158.8900, 37.0292,
-23.5825

■ 142.0340, 45.3392,
-28.9708

■ 175.7460, 28.7192,
-18.1942

■ 124.2920, 54.0860,
-34.4591

■ 193.4880, 19.9724,
-12.7060

■ 107.4360, 62.3961,
-39.8474

■ 210.3440, 11.6624,
-7.3177

■ 89.6940, 71.1429,
-45.3356

■ 228.0860, 2.9156,
-1.8294

■ 72.8380, 79.4529,
-50.7239

■ 244.9420, -5.3944,
3.5589

■ 61.8960, 84.8473,
-54.2828

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



141.0030, 45.3545, -80.6866



158.8900, 37.0292, -23.5825



164.9510, 24.6742, 19.3370

Triad

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



158.8900, 37.0292, -23.5825



160.7070, -25.4916, 56.3850



141.7350, -1.8414, -62.9116

Complementary

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



158.8900, 37.0292, -23.5825



207.1100, -37.0292, 23.5825

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.



150.4830, -22.9161, -23.2256



158.8900, 37.0292, -23.5825



158.6540, -35.3254, 37.1374

Square

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



158.8900, 37.0292, -23.5825



162.3930, -9.0677, 61.9223



155.5920, -34.8019, 9.1278



125.9520, 25.6597, -110.4599

Rectangle

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



158.8900, 37.0292, -23.5825



164.7490, 14.4207, 41.4391



155.5920, -34.8019, 9.1278



145.1730, -9.4523, -48.3867

Sweetspot

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



158.8900, 37.0292, -23.5825



230.4580, 12.0992, -7.4177



200.4240, 3.2420, -60.0078



112.3290, 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.



158.8900, 37.0292, -23.5825



157.1200, 48.2548, -30.8002



150.8040, 41.0156, 4.5569



109.0150, 3.9366, -2.6442



47.6360, 65.7485, -41.7768



14.3740, 19.5356, -12.6060

Inverse Universe

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



165.4620, -3.6788, 60.1078



165.6430, -4.7540, 78.3661



215.1960, -41.0156, -4.5569



109.6310, -0.3111, 6.4626



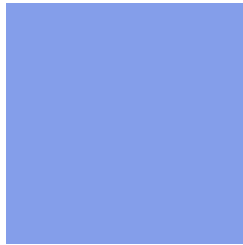
59.3630, -6.5880, 106.6756



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 158.8900, 37.0292, -23.5825 looks on a white background.

Color Contrast Check

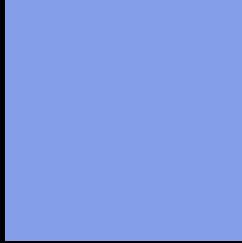
Large Text (above 18pt) WCAG AA × Fail

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 158.8900, 37.0292, -23.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

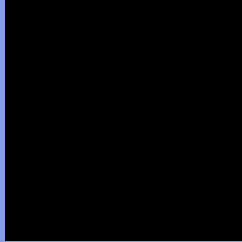
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8900, 37.0292, -23.5825

Background



This preview shows how black text looks on a background with the YUV color 158.8900, 37.0292, -23.5825.



This preview shows how white text looks on a background with the YUV color 158.8900, 37.0292, -23.5825.

-23.5825.

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

158.8900, 37.0292, -23.5825

Protanopia

159.0860, 36.4396, -21.1234

Deuteranopia

158.5800, 37.1821, -25.9417



Tritanopia

154.6460, 13.4855, -32.1385

Trichromacy



Original Color

158.8900, 37.0292, -23.5825

Protanomaly

158.7870, 36.5870, -21.7382

Deuteranomaly

158.8790, 37.0347, -25.3269

Tritanomaly

155.9590, 22.2052, -28.9050

Monochromacy



Original Color

158.8900, 37.0292, -23.5825

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0880, 13.2676, -8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8900, 37.0292, -23.5825 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(132, 158, 234)` looks like.

```
.text, #text, p{  
    color:rgb(132, 158, 234)  
}
```

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(132, 158, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 158, 234) }
```

Border

The CSS property to change the border of an element to YUV 158.8900, 37.0292, -23.5825 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(132, 158, 234) }
```


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

```
.border{ border-color:rgb(132, 158, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 158, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 158, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 158, 234);  
box-shadow:4px 4px 4px 4px rgb(132, 158,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 158.8900, 37.0292, -23.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 158, 234) }
```

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

```
.background{ background-color: rgb(132,  
158, 234) }
```

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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