

Converting Colors

YUV(83.1890, -13.4042, 5.9732)

Have a look what the booklet for
YUV(83.1890, -13.4042, 5.9732)
contains.

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Color

**YUV(83.1890, -13.4042,
5.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5538
RGB	90, 85, 56
RGB Percent	35%, 33%, 22%
CMY	0.6471, 0.6667, 0.7804
CMYK	0.00, 0.06, 0.38, 0.65
HSL	51°, 23%, 29%
HSV	51°, 38%, 35%
XYZ	8.1788, 8.9562, 5.0390
YIQ	83.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

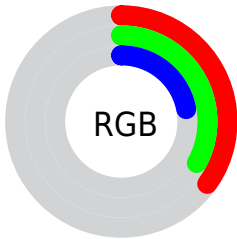
Format	Color
RYB	62, 90, 56
Decimal	5920056
CIELab	35.90, -2.96, 17.68
CIElCh	36, 17.923, 99.517
Yxy	8.9562, 0.3688, 0.4039
Android (android.graphics.Color)	4284110136 (0xFF5A5538)
YUV	83.1890, -13.4042, 5.9732
Hunter-Lab	29.9269, -3.5895, 10.9657

Details

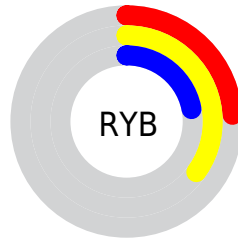
The YUV color **83.1890, -13.4042, 5.9732** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.8110, 13.4042, -5.9732**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1460, -14.8620, 6.8880**, and **37.8190, -12.2358, 4.5437** is the 20% darker color. If you saturate the color by 10%, you get **81.5760, -17.0460, 7.3878**, and if you desaturate by 10%, it is **84.8020, -9.7624, 4.5586**.

Distribution



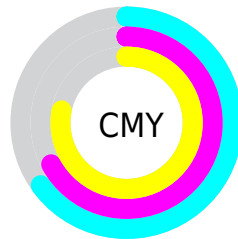
- Red (35%)
- Green (33%)
- Blue (22%)



- Red (24%)
- Yellow (35%)
- Blue (22%)



- Cyan (0%)
- Magenta (6%)
- Yellow (38%)
- Black (65%)



- Cyan (65%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1890, -13.4042, 5.9732 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 83.1890, -13.4042, 5.9732 by changing the saturation by 10% instead.

■ 83.1890, -13.4042,
5.9732

■ 83.1890, -13.4042,
5.9732

■ 255.0000, 0.0000,
0.0000

■ 60.0040, -12.8200,
5.2585

■ 133.1460,
-14.8620, 6.8880

■ 37.8190, -12.2358,
4.5437

■ 159.0320,
-15.2988, 6.9879

■ 18.0190, -8.8834,
2.6143

■ 186.3310,
-15.4462, 7.6027

■ 0.0000, 0.0000,
0.0000

■ 213.5160,
-16.0304, 8.3175

■ 242.4020,
-16.4672, 8.4174

■ 252.9480, -7.8624,

1.7996

■ 83.1890, -13.4042,
5.9732

■ 83.1890, -13.4042,
5.9732

■ 81.5760, -17.0460,
7.3878

■ 84.8020, -9.7624,
4.5586

■ 79.3760, -20.3984,
9.3172

■ 87.0020, -6.4100,
2.6292

■ 77.7630, -24.0402,
10.7318

■ 88.6150, -2.7682,
1.2146

■ 76.1500, -27.6819,
12.1465

■ 90.2280, 0.8736,
-0.2000

■ 73.9500, -31.0343,
14.0758

■ 92.4280, 4.2260,
-2.1294

■ 72.3370, -34.6761,
15.4905

■ 94.0410, 7.8678,
-3.5440

■ 72.1090, -35.5497,
15.6904

■ 95.6540, 11.5096,
-4.9586

■ 97.8540, 14.8620,
-6.8880

■ 99.4670, 18.5038,
-8.3026

Harmonies

Analogous

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



84.3690, -12.9999, 16.3394



83.1890, -13.4042, 5.9732



81.4370, -9.5824, -6.5222

Triad

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



83.1890, -13.4042, 5.9732



76.7060, 12.4699, -33.0682



86.5490, 4.1663, 17.0585

Complementary

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



83.1890, -13.4042, 5.9732



62.8110, 13.4042, -5.9732

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.



86.0790, 10.3141, 5.1927



83.1890, -13.4042, 5.9732



80.4450, 15.0636, -24.9463

Square

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



83.1890, -13.4042, 5.9732



77.0070, 5.9125, -29.8241



84.0170, 14.2886, -9.6619



86.3450, -3.1281, 23.3764

Rectangle

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



83.1890, -13.4042, 5.9732



80.1200, -5.4822, -15.0142



84.0170, 14.2886, -9.6619



86.6950, 6.0664, 14.2995

Sweetspot

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



83.1890, -13.4042, 5.9732



114.3440, -5.0996, 2.3293



66.7360, -2.8278, 20.4025



57.5010, -3.2050, 1.3146



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1890, -13.4042, 5.9732



106.9630, -20.6878, 8.8024



82.5360, -13.0822, -3.9781



44.8430, -1.8946, 1.0147



88.0680, -43.4175, 19.2344



189.4370, -93.3924, 41.7128

Inverse Universe

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



62.8110, 13.4042, -5.9732



75.0370, 20.6878, -8.8024



63.4640, 13.0822, 3.9781



42.1570, 1.8946, -1.0147



21.9320, 43.4175, -19.2344



47.5630, 93.3924, -41.7128

Previews

White Background



This preview shows how the YUV color 83.1890, -13.4042, 5.9732 looks on a white background.

Color Contrast Check

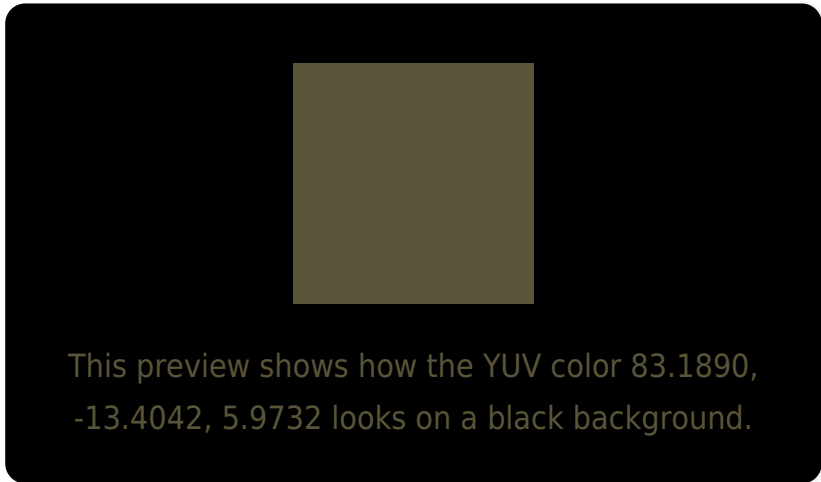
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

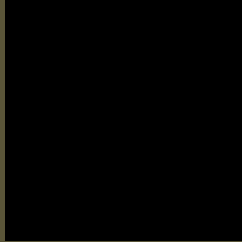
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1890, -13.4042, 5.9732

Background



This preview shows how black text looks on a background with the YUV color 83.1890, -13.4042, 5.9732.



This preview shows how white text looks on a background with the YUV color 83.1890, -13.4042,

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

83.1890, -13.4042, 5.9732

Protanopia

83.2000, -13.4096, 7.7176

Deuteranopia

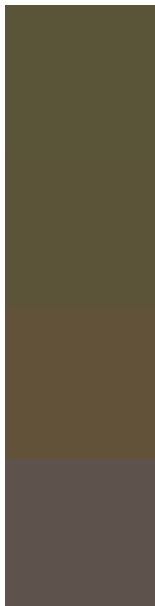
84.2440, -13.4313, 14.6950



Tritanopia

85.5710, 0.7045, 7.3922

Trichromacy



Original Color

83.1890, -13.4042, 5.9732

Protanomaly

82.9010, -13.2622, 7.1028

Deuteranomaly

83.6350, -13.1311, 11.7211

Tritanomaly

84.6050, -4.2423, 7.3624

Monochromacy



Original Color

83.1890, -13.4042, 5.9732

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.3440, -5.0996, 2.3293

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1890, -13.4042, 5.9732 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(90, 85, 56)` looks like.

```
.text, #text, p{  
    color:rgb(90, 85, 56)  
}
```

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(90, 85, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 85, 56) }
```

Border

The CSS property to change the border of an element to YUV 83.1890, -13.4042, 5.9732 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(90, 85, 56) }
```


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

```
.border{ border-color:rgb(90, 85, 56) }
```

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

Here you see how a box with a 4 pixel rgb(90, 85, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 85, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 85, 56);  
box-shadow:4px 4px 4px 4px rgb(90, 85, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.1890, -13.4042, 5.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 85, 56) }
```

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

```
.background{ background-color: rgb(90, 85,  
56) }
```

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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