

Converting Colors

YUV(67.2890, 4.7875, -42.3495)

Have a look what the booklet for
YUV(67.2890, 4.7875, -42.3495)
contains.

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Color

**YUV(67.2890, 4.7875,
-42.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	135A4D
RGB	19, 90, 77
RGB Percent	7%, 35%, 30%
CMY	0.9255, 0.6471, 0.6980
CMYK	0.79, 0.00, 0.14, 0.65
HSL	169°, 65%, 21%
HSV	169°, 79%, 35%
XYZ	5.2643, 7.9866, 8.2853
YIQ	67.2890, -38.1430, -19.0950

Conversions

Conversions Part 2

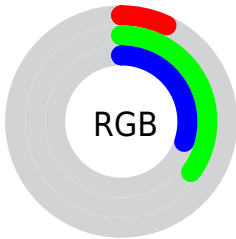
Format	Color
RYB	19, 58, 90
Decimal	1268301
CIELab	33.95, -24.73, 1.38
CIElCh	34, 24.770, 176.811
Yxy	7.9866, 0.2444, 0.3708
Android (android.graphics.Color)	4279458381 (0xFF135A4D)
YUV	67.2890, 4.7875, -42.3495
Hunter-Lab	28.2606, -16.2057, 2.4001

Details

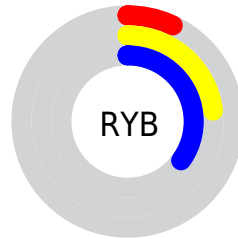
The YUV color **67.2890, 4.7875, -42.3495** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **41.7110, -4.7875, 42.3495**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5560, 3.1769, -39.0756**, and **29.0030, 1.9705, -25.4356** is the 20% darker color. If you saturate the color by 10%, you get **64.3700, 5.2406, -47.6825**, and if you desaturate by 10%, it is **70.2080, 4.3345, -37.0164**.

Distribution



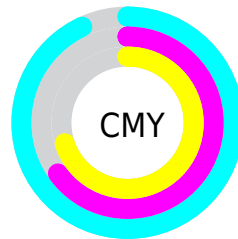
- Red (7%)
- Green (35%)
- Blue (30%)



- Red (7%)
- Yellow (23%)
- Blue (35%)



- Cyan (79%)
- Magenta (0%)
- Yellow (14%)
- Black (65%)



- Cyan (93%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2890, 4.7875, -42.3495 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 67.2890, 4.7875, -42.3495 by changing the saturation by 10% instead.

67.2890, 4.7875,
-42.3495

67.2890, 4.7875,
-42.3495

255.0000, 0.0000,
0.0000

44.8980, 4.4873,
-39.3755

119.5560, 3.1769,
-39.0756

29.0030, 1.9705,
-25.4356

145.5560, 3.1769,
-39.0756

14.6410, -2.2880,
-12.8402

173.0290, 2.4507,
-39.4904

0.0000, 0.0000,
0.0000

200.7300, 2.5981,
-40.1052

228.7300, 2.5981,
-40.1052

241.8440, 6.4859,

-27.0502

250.5150, 2.2111,
-9.2217

67.2890, 4.7875,
-42.3495

67.2890, 4.7875,
-42.3495

64.3700, 5.2406,
-47.6825

70.2080, 4.3345,
-37.0164

61.5650, 6.1305,
-53.1155

73.0130, 3.4446,
-31.5834

61.2660, 6.2779,
-53.7303

75.9320, 2.9915,
-26.2504

78.8510, 2.5385,
-20.9173

81.6560, 1.6486,
-15.4843

■ 84.5750, 1.1955,
-10.1513

■ 87.4940, 0.7425,
-4.8182

■ 90.2990, -0.1474,
0.6148

■ 93.2180, -0.6005,
5.9478

Harmonies

Analogous

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



73.5170, -7.6499, -19.7474



67.2890, 4.7875, -42.3495



63.8880, 16.3242, -56.0298

Triad

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



67.2890, 4.7875, -42.3495



81.3430, 16.5929, -2.0548



79.7400, -15.6478, 25.6610

Complementary

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



67.2890, 4.7875, -42.3495



41.7110, -4.7875, 42.3495

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.



80.3200, -8.5388, 32.1684



67.2890, 4.7875, -42.3495



82.0420, 9.8393, 17.5032

Square

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



67.2890, 4.7875, -42.3495



75.1550, 21.6156, -26.4459



81.4150, 0.7814, 29.4540



78.4520, -18.9568, 13.6356

Rectangle

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



67.2890, 4.7875, -42.3495



63.9680, 21.7078, -56.0999



81.4150, 0.7814, 29.4540



80.2180, -13.9115, 28.7498

Sweetspot

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



67.2890, 4.7875, -42.3495



108.0580, 1.9434, -16.7139



64.5640, -22.4631, -28.5586



53.5750, 1.1955, -10.1513



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.



67.2890, 4.7875, -42.3495



81.5310, 7.6262, -66.2407



55.8570, 16.8325, -32.3236



44.3910, 0.3002, -2.9739



74.8300, 7.4788, -65.6259



161.2350, 16.1531, -141.4031

Inverse Universe

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



41.7110, -4.7875, 42.3495



41.4690, -7.6262, 66.2407



53.1430, -16.8325, 32.3236



42.6090, -0.3002, 2.9739



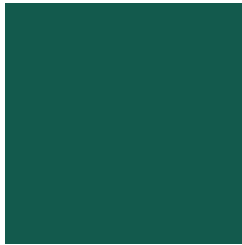
35.1700, -7.4788, 65.6259



75.7650, -16.1531, 141.4031

Previews

White Background



This preview shows how the YUV color 67.2890, 4.7875, -42.3495 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



This preview shows how the YUV color 67.2890, 4.7875, -42.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

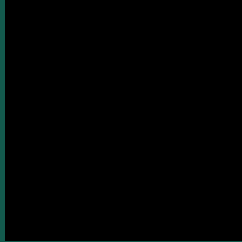
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2890, 4.7875, -42.3495

Background



This preview shows how black text looks on a background with the YUV color 67.2890, 4.7875, -42.3495.



This preview shows how white text looks on a background with the YUV color 67.2890, 4.7875, -42.3495.

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

67.2890, 4.7875, -42.3495

Protanopia

79.2840, -4.0840, 3.2589

Deuteranopia

80.3320, -0.1637, 5.8478



Tritanopia

71.4560, 11.6072, -36.3569

Trichromacy



Original Color

67.2890, 4.7875, -42.3495

Protanomaly

74.9830, -0.9776, -13.1401

Deuteranomaly

75.6780, 1.6377, -11.9956

Tritanomaly

70.0490, 8.8498, -38.6310

Monochromacy



Original Color

67.2890, 4.7875, -42.3495

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2890, 4.7875, -42.3495 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(19, 90, 77)` looks like.

```
.text, #text, p{  
    color:rgb(19, 90, 77)  
}
```

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(19, 90, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 90, 77) }
```

Border

The CSS property to change the border of an element to YUV 67.2890, 4.7875, -42.3495 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(19, 90, 77) }
```


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

```
.border{ border-color:rgb(19, 90, 77) }
```

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

Here you see how a box with a 4 pixel rgb(19, 90, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 90, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 90, 77);  
box-shadow:4px 4px 4px 4px rgb(19, 90, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.2890, 4.7875, -42.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 90, 77) }
```

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

```
.background{ background-color: rgb(19, 90,  
77) }
```

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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