

Converting Colors

YUV(66.9230, -13.2730,
10.5915)

Have a look what the booklet for
YUV(66.9230, -13.2730, 10.5915)
contains.

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Color

**YUV(66.9230, -13.2730,
10.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4228
RGB	79, 66, 40
RGB Percent	31%, 26%, 16%
CMY	0.6902, 0.7412, 0.8431
CMYK	0.00, 0.16, 0.49, 0.69
HSL	40°, 33%, 23%
HSV	40°, 49%, 31%
XYZ	5.5557, 5.7119, 2.8172
YIQ	66.9230, 16.0940, -5.3300

Conversions

Conversions Part 2

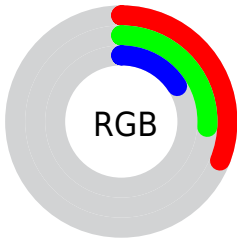
Format	Color
R_{YB}	60, 79, 40
Decimal	5194280
CIE Lab	28.67, 1.49, 17.87
CIE LCh	29, 17.932, 85.246
Yxy	5.7119, 0.3944, 0.4055
Android (android.graphics.Color)	4283384360 (0xFF4F4228)
YUV	66.9230, -13.2730, 10.5915
Hunter-Lab	23.8996, -0.3303, 9.7409

Details

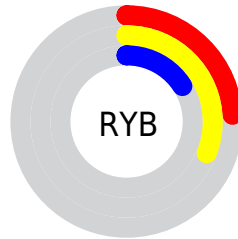
The YUV color **66.9230, -13.2730, 10.5915** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **52.0770, 13.2730, -10.5915**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2930, -14.4414, 12.0210**, and **23.6670, -11.6678, 9.0620** is the 20% darker color. If you saturate the color by 10%, you get **64.2500, -15.8992, 12.9358**, and if you desaturate by 10%, it is **69.5960, -10.6468, 8.2473**.

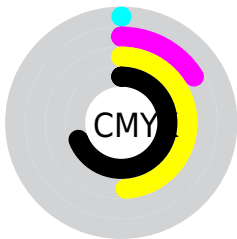
Distribution



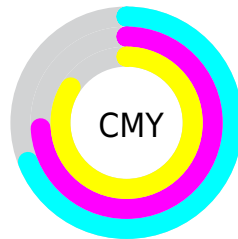
- Red (31%)
- Green (26%)
- Blue (16%)



- Red (24%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (16%)
- Yellow (49%)
- Black (69%)



- Cyan (69%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.9230, -13.2730, 10.5915 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 66.9230, -13.2730, 10.5915 by changing the saturation by 10% instead.

■ 66.9230, -13.2730,
10.5915

■ 66.9230, -13.2730,
10.5915

■ 255.0000, 0.0000,
0.0000

■ 44.4390, -12.5414,
9.2620

■ 115.2930,
-14.4414, 12.0210

■ 23.6670, -11.6678,
9.0620

■ 140.7770,
-15.1731, 13.3506

■ 0.0000, 0.0000,
0.0000

■ 167.5490,
-16.0467, 13.5505

■ 194.8480,
-16.1941, 14.1653

■ 222.1470,
-16.3415, 14.7801

■ 247.1460,

-14.8620, 6.8880

253.8600, -4.3680,
0.9998

66.9230, -13.2730,
10.5915

66.9230, -13.2730,
10.5915

64.2500, -15.8992,
12.9358

69.5960, -10.6468,
8.2473

62.1640, -18.8149,
14.7652

71.6820, -7.7312,
6.4179

59.4910, -21.4411,
17.1094

74.3550, -5.1050,
4.0737

56.8180, -24.0673,
19.4536

77.0280, -2.4788,
1.7294

54.8460, -26.5461,
21.1831

79.1140, 0.4368,
-0.1000

■ 54.7320, -26.9829,
21.2830

■ 81.6730, 2.6262,
-2.3442

■ 83.7590, 5.5418,
-4.1736

■ 86.4320, 8.1680,
-6.5179

■ 89.1050, 10.7942,
-8.8621

Harmonies

Analogous

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



67.8470, -11.2636, 19.4282



66.9230, -13.2730, 10.5915



65.3130, -11.4933, -0.2745

Triad

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



66.9230, -13.2730, 10.5915



58.4130, 10.1494, -35.4422



69.6130, 7.0928, 11.7404

Complementary

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



66.9230, -13.2730, 10.5915



52.0770, 13.2730, -10.5915

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.



68.4910, 12.0829, -2.1846



66.9230, -13.2730, 10.5915



60.2870, 14.6485, -31.8237

Square

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



66.9230, -13.2730, 10.5915



61.0030, 1.9705, -25.4356



65.3750, 14.6051, -17.8689



69.2460, 0.3717, 20.8323

Rectangle

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



66.9230, -13.2730, 10.5915



64.4690, -8.1192, -9.1813



65.3750, 14.6051, -17.8689



69.6340, 8.5614, 7.3370

Sweetspot

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



66.9230, -13.2730, 10.5915



97.3550, -5.1050, 4.0737



53.1430, -0.0705, 22.6766



48.2130, -3.0630, 2.4442



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



66.9230, -13.2730, 10.5915



83.4200, -20.4201, 16.2947



72.7600, -16.1507, 0.2105



36.9570, -1.4578, 0.9147



70.4140, -34.7141, 27.7009



158.5810, -78.1804, 62.6345

Inverse Universe

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



52.0770, 13.2730, -10.5915



60.5800, 20.4201, -16.2947



46.2400, 16.1507, -0.2105



35.6300, 1.1684, -1.4295



31.5860, 34.7141, -27.7009



70.8320, 78.4698, -62.1197

Previews

White Background



This preview shows how the YUV color 66.9230, -13.2730, 10.5915 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 66.9230, -13.2730, 10.5915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

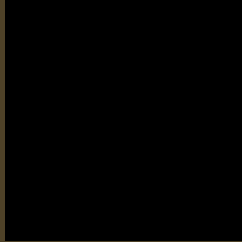
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.9230, -13.2730, 10.5915

Background



This preview shows how black text looks on a background with the YUV color 66.9230, -13.2730, 10.5915.

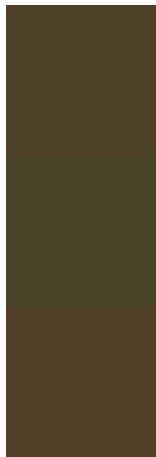


This preview shows how white text looks on a background with the YUV color 66.9230, -13.2730,

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

66.9230, -13.2730, 10.5915

Protanopia

66.7160, -12.6780, 6.3881

Deuteranopia

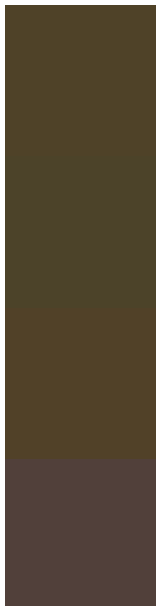
67.2330, -13.4259, 12.9507



Tritanopia

69.2510, -0.6167, 11.1809

Trichromacy



Original Color

66.9230, -13.2730, 10.5915

Protanomaly

66.7270, -12.6834, 8.1324

Deuteranomaly

66.9340, -13.2785, 12.3359

Tritanomaly

68.3990, -5.1267, 11.0511

Monochromacy



Original Color

66.9230, -13.2730, 10.5915

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.9230, -13.2730, 10.5915 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(79, 66, 40)` looks like.

```
.text, #text, p{  
    color:rgb(79, 66, 40)  
}
```

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(79, 66, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 66, 40) }
```

Border

The CSS property to change the border of an element to YUV 66.9230, -13.2730, 10.5915 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(79, 66, 40) }
```


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

```
.border{ border-color:rgb(79, 66, 40) }
```

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

Here you see how a box with a 4 pixel rgb(79, 66, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 66, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 66, 40);  
box-shadow:4px 4px 4px 4px rgb(79, 66, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.9230, -13.2730, 10.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 66, 40) }
```

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

```
.background{ background-color: rgb(79, 66,  
40) }
```

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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