

Converting Colors

YUV(88.4770, -30.3082,
14.4907)

Have a look what the booklet for
YUV(88.4770, -30.3082, 14.4907)
contains.

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Color

**YUV(88.4770, -30.3082,
14.4907)**

Conversions

Conversions Part 1

Format	Color
Hex	695C1B
RGB	105, 92, 27
RGB Percent	41%, 36%, 11%
CMY	0.5882, 0.6392, 0.8941
CMYK	0.00, 0.12, 0.74, 0.59
HSL	50°, 59%, 26%
HSV	50°, 74%, 41%
XYZ	9.8507, 10.7367, 2.5901
YIQ	88.4770, 28.6130, -17.4590

Conversions

Conversions Part 2

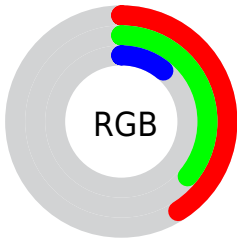
Format	Color
R_{YB}	43, 105, 27
Decimal	6904859
CIE Lab	39.13, -2.78, 37.54
CIE LCh	39, 37.641, 94.239
Yxy	10.7367, 0.4250, 0.4632
Android (android.graphics.Color)	4285094939 (0xFF695C1B)
YUV	88.4770, -30.3082, 14.4907
Hunter-Lab	32.7669, -3.6798, 18.2501

Details

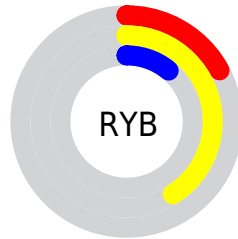
The YUV color **88.4770, -30.3082, 14.4907** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **43.5230, 30.3082, -14.4907**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4450, -31.7714, 17.1497**, and **44.0340, -21.7088, 9.6172** is the 20% darker color. If you saturate the color by 10%, you get **86.1630, -34.0974, 16.5200**, and if you desaturate by 10%, it is **90.9050, -26.0822, 12.3613**.

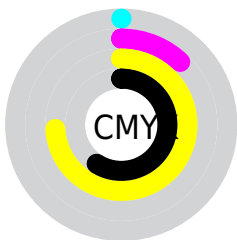
Distribution



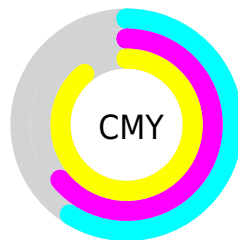
- Red (41%)
- Green (36%)
- Blue (11%)



- Red (17%)
- Yellow (41%)
- Blue (11%)



- Cyan (0%)
- Magenta (12%)
- Yellow (74%)
- Black (59%)



- Cyan (59%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4770, -30.3082, 14.4907 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 88.4770, -30.3082, 14.4907 by changing the saturation by 10% instead.

88.4770, -30.3082,
14.4907

88.4770, -30.3082,
14.4907

255.0000, 0.0000,
0.0000

64.2380, -31.1763,
12.9463

139.4450,
-31.7714, 17.1497

44.0340, -21.7088,
9.6172

165.6300,
-32.3556, 17.8645

24.5310, -12.0938,
5.6733

193.1140,
-33.0872, 19.1940

0.0000, 0.0000,
0.0000

221.1850,
-34.1082, 20.0088

244.5750,
-32.3285, 9.1427

249.5280,

-20.9663, 4.7989

252.7200, -8.7360,
1.9996

88.4770, -30.3082,
14.4907

88.4770, -30.3082,
14.4907

86.1630, -34.0974,
16.5200

90.9050, -26.0822,
12.3613

84.3220, -38.6127,
18.1346

93.2190, -22.2930,
10.3319

83.0510, -40.9441,
19.2493

95.0600, -17.7776,
8.7174

97.3740, -13.9884,
6.6880

99.8020, -9.7624,
4.5586

■ 101.5290, -5.6838,
3.0441

■ 103.9570, -1.4578,
0.9147

■ 106.2710, 2.3314,
-1.1147

■ 108.6990, 6.5574,
-3.2440

Harmonies

Analogous

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



90.5210, -26.8789, 34.6231



88.4770, -30.3082, 14.4907



84.9730, -22.6647, -10.5003

Triad

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



88.4770, -30.3082, 14.4907



76.5860, 24.3611, -67.1659



94.4230, 12.1165, 33.8320

Complementary

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



88.4770, -30.3082, 14.4907



43.5230, 30.3082, -14.4907

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.



94.0370, 24.1388, 4.3526



88.4770, -30.3082, 14.4907



76.6320, 34.6914, -67.2063

Square

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



88.4770, -30.3082, 14.4907



73.7530, 10.9678, -64.6814



83.9820, 34.0259, -40.3262



92.5530, -1.7516, 48.6270

Rectangle

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



88.4770, -30.3082, 14.4907



81.0720, -12.8535, -30.7581



83.9820, 34.0259, -40.3262



95.1060, 16.2167, 25.3400

Sweetspot

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



88.4770, -30.3082, 14.4907



131.5310, -12.0938, 5.6733



51.8040, -5.8194, 46.6529



65.1870, -6.9942, 3.3440



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



88.4770, -30.3082, 14.4907



111.6510, -47.6489, 23.1081



88.3340, -30.2377, -8.1859



52.7290, -2.3314, 1.1147



92.5090, -45.6069, 21.4786



193.0030, -95.1505, 45.6014

Inverse Universe

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



43.5230, 30.3082, -14.4907



41.3490, 47.6489, -23.1081



43.6660, 30.2377, 8.1859



49.2710, 2.3314, -1.1147



25.0780, 45.3175, -21.9934



51.9970, 95.1505, -45.6014

Previews

White Background



This preview shows how the YUV color 88.4770, -30.3082, 14.4907 looks on a white background.

Color Contrast Check

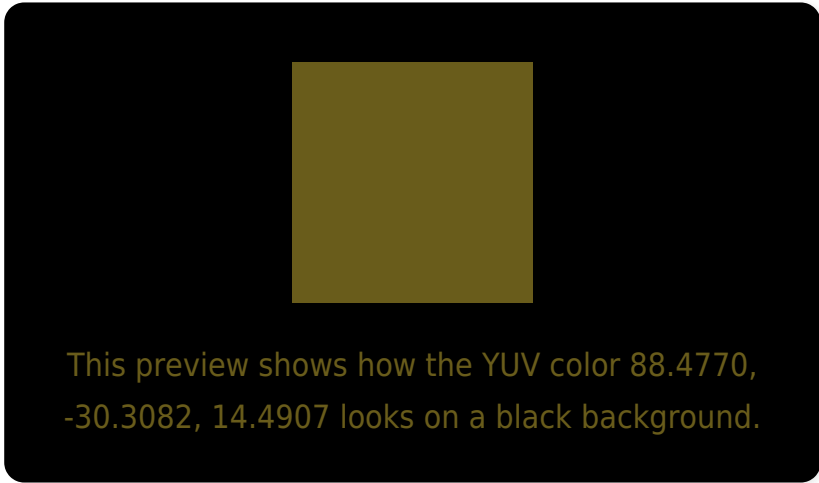
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

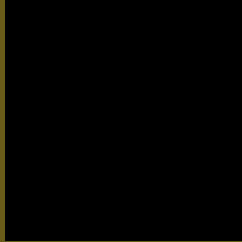
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4770, -30.3082, 14.4907

Background



This preview shows how black text looks on a background with the YUV color 88.4770, -30.3082, 14.4907.



This preview shows how white text looks on a background with the YUV color 88.4770, -30.3082,

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

88.4770, -30.3082, 14.4907

Protanopia

88.7650, -30.4501, 13.3611

Deuteranopia

89.6460, -29.8985, 23.1125



Tritanopia

93.9740, -0.4802, 14.0548

Trichromacy



Original Color

88.4770, -30.3082, 14.4907

Protanomaly

88.7650, -30.4501, 13.3611

Deuteranomaly

88.9230, -30.0350, 20.2385

Tritanomaly

91.8140, -11.2473, 14.1951

Monochromacy



Original Color

88.4770, -30.3082, 14.4907

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8730, -10.7834, 5.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4770, -30.3082, 14.4907 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(105, 92, 27)` looks like.

```
.text, #text, p{  
    color:rgb(105, 92, 27)  
}
```

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(105, 92, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 92, 27) }
```

Border

The CSS property to change the border of an element to YUV 88.4770, -30.3082, 14.4907 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(105, 92, 27) }
```


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

```
.border{ border-color:rgb(105, 92, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 92, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 92, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 92, 27);  
box-shadow:4px 4px 4px 4px rgb(105, 92,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 88.4770, -30.3082, 14.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 92, 27) }
```

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

```
.background{ background-color: rgb(105, 92,  
27) }
```

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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