

Converting Colors

YUV(82.1280, -30.6291,
70.9247)

Have a look what the booklet for
YUV(82.1280, -30.6291, 70.9247)
contains.

YUV(82.1280, -30.6291, 70.9247)	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(82.1280, -30.6291,
70.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	A33514
RGB	163, 53, 20
RGB Percent	64%, 21%, 8%
CMY	0.3608, 0.7922, 0.9216
CMYK	0.00, 0.67, 0.88, 0.36
HSL	14°, 78%, 36%
HSV	14°, 88%, 64%
XYZ	16.5036, 10.3832, 1.7961
YIQ	82.1280, 76.1530, 13.0570

Conversions

Conversions Part 2

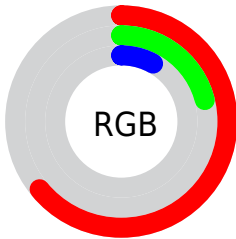
Format	Color
R _Y B	163, 63, 20
Decimal	10695956
CIE Lab	38.52, 43.94, 43.09
CIE LCh	39, 61.540, 44.443
Yxy	10.3832, 0.5754, 0.3620
Android (android.graphics.Color)	4288886036 (0xFFA33514)
YUV	82.1280, -30.6291, 70.9247
Hunter-Lab	32.2230, 35.0318, 19.2512

Details

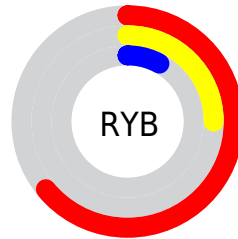
The YUV color **82.1280, -30.6291, 70.9247** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **100.8720, 30.6291, -70.9247**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5480, -34.2872, 77.5724**, and **30.7970, -15.1829, 63.3220** is the 20% darker color. If you saturate the color by 10%, you get **72.6730, -33.8558, 79.2168**, and if you desaturate by 10%, it is **91.5830, -27.4024, 62.6327**.

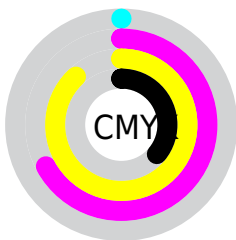
Distribution



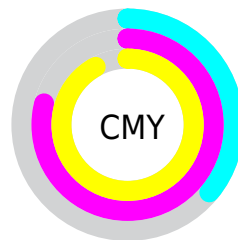
- Red (64%)
- Green (21%)
- Blue (8%)



- Red (64%)
- Yellow (25%)
- Blue (8%)



- Cyan (0%)
- Magenta (67%)
- Yellow (88%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1280, -30.6291, 70.9247 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 82.1280, -30.6291, 70.9247 by changing the saturation by 10% instead.

■ 82.1280, -30.6291,
70.9247

■ 82.1280, -30.6291,
70.9247

254.8860, -0.4368,
0.1000

■ 54.4420, -26.8399,
68.8954

■ 136.5480,
-34.2872, 77.5724

■ 30.7970, -15.1829,
63.3220

■ 164.1030,
-36.0398, 79.7167

■ 22.1260, -10.9081,
45.4935

■ 182.9160,
-32.4966, 63.2177

■ 14.5800, -6.2019,
29.3093

■ 202.3160,
-29.2428, 46.2039

■ 0.0000, 0.0000,
0.0000

■ 221.7160,
-25.9890, 29.1901

■ 241.9310,

-22.1510, 11.4615

■ 251.5800,
-13.1039, 2.9993

■ 82.1280, -30.6291,
70.9247

■ 82.1280, -30.6291,
70.9247

■ 72.6730, -33.8558,
79.2168

■ 91.5830, -27.4024,
62.6327

■ 71.0430, -35.0242,
80.6463

■ 100.5650,
-23.4495, 54.7555

■ 110.0200,
-20.2229, 46.4635

■ 118.8880,
-16.7068, 38.6862

■ 128.3430,
-13.4801, 30.3942

■ 137.3250, -9.5272,
22.5170

■ 146.7800, -6.3005,
14.2249

■ 155.6480, -2.7845,
6.4477

■ 165.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



74.8770, -2.8974, 89.5619



82.1280, -30.6291, 70.9247



85.8410, -42.3196, 40.4814

Triad

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



82.1280, -30.6291, 70.9247



71.6380, -4.7515, -62.8265



73.7890, 56.7990, -64.7130

Complementary

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



82.1280, -30.6291, 70.9247



100.8720, 30.6291, -70.9247

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.



82.4800, 52.0214, -72.3350



82.1280, -30.6291, 70.9247



78.7400, 17.3832, -69.0550

Square

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



82.1280, -30.6291, 70.9247



67.6040, -33.3288, -43.5027



83.3970, 37.7653, -73.1392



92.3290, 34.8408, 25.1445

Rectangle

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



82.1280, -30.6291, 70.9247



84.5130, -41.6649, 17.0901



83.3970, 37.7653, -73.1392



77.6530, 56.3731, -68.1017

Sweetspot

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



82.1280, -30.6291, 70.9247



180.4890, -11.5801, 27.6351



75.5250, 27.8422, 76.7156



88.5630, -7.1796, 16.1692



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



82.1280, -30.6291, 70.9247



92.1510, -45.4304, 105.1076



122.6310, -50.5971, 35.4036



76.8650, -1.9054, 4.5034



63.3130, -31.2133, 71.6395



7.7300, -3.8109, 9.0068

Inverse Universe

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



100.8720, 30.6291, -70.9247



119.8490, 45.4304, -105.1076



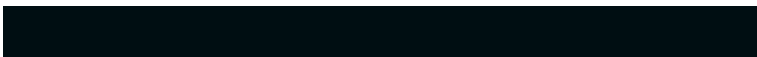
60.3690, 50.5971, -35.4036



78.1350, 1.9054, -4.5034



82.2740, 30.9239, -72.1543



10.2700, 3.8109, -9.0068

Previews

White Background



This preview shows how the YUV color 82.1280, -30.6291, 70.9247 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



This preview shows how the YUV color 82.1280, -30.6291, 70.9247 looks on a 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 82.1280, -30.6291, 70.9247

Background



This preview shows how black text looks on a background with the YUV color 82.1280, -30.6291, 70.9247.



This preview shows how white text looks on a background with the YUV color 82.1280, -30.6291,

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

82.1280, -30.6291, 70.9247

Protanopia

88.2210, -28.7030, 12.9612

Deuteranopia

85.7530, -42.2762, 26.5266



Tritanopia

84.3140, -15.9308, 69.8846

Trichromacy



Original Color

82.1280, -30.6291, 70.9247

Protanomaly

86.1250, -29.6416, 34.0934

Deuteranomaly

84.5900, -38.2519, 42.4556

Tritanomaly

83.5330, -21.4618, 70.5696

Monochromacy



Original Color

82.1280, -30.6291, 70.9247

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.5920, -11.1379, 25.7908

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1280, -30.6291, 70.9247 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(163, 53, 20)` looks like.

```
.text, #text, p{  
    color:rgb(163, 53, 20)  
}
```

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(163, 53, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 53, 20) }
```

Border

The CSS property to change the border of an element to YUV 82.1280, -30.6291, 70.9247 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(163, 53, 20) }
```


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

```
.border{ border-color:rgb(163, 53, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 53, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 53, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 53, 20);  
box-shadow:4px 4px 4px 4px rgb(163, 53,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 82.1280, -30.6291, 70.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 53, 20) }
```

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

```
.background{ background-color: rgb(163, 53,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor