

Converting Colors

YUV(90.4420, -30.2909,
55.7404)

Have a look what the booklet for
YUV(90.4420, -30.2909, 55.7404)
contains.

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Color

**YUV(90.4420, -30.2909,
55.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	9A461D
RGB	154, 70, 29
RGB Percent	60%, 27%, 11%
CMY	0.3961, 0.7255, 0.8863
CMYK	0.00, 0.55, 0.81, 0.40
HSL	20°, 68%, 36%
HSV	20°, 81%, 60%
XYZ	15.7384, 11.3391, 2.5216
YIQ	90.4420, 63.2250, 5.0570

Conversions

Conversions Part 2

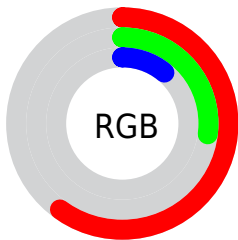
Format	Color
RYB	154, 90, 29
Decimal	10110493
CIELab	40.15, 32.56, 39.80
CIELCh	40, 51.416, 50.714
Yxy	11.3391, 0.5317, 0.3831
Android (android.graphics.Color)	4288300573 (0xFF9A461D)
YUV	90.4420, -30.2909, 55.7404
Hunter-Lab	33.6735, 24.4989, 19.1317

Details

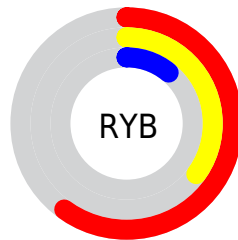
The YUV color **90.4420, -30.2909, 55.7404** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **92.5580, 30.2909, -55.7404**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0900, -33.0754, 62.1881**, and **41.0310, -20.2283, 48.2078** is the 20% darker color. If you saturate the color by 10%, you get **82.8620, -33.9490, 62.3880**, and if you desaturate by 10%, it is **98.0220, -26.6328, 49.0927**.

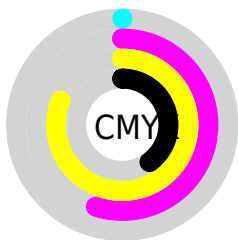
Distribution



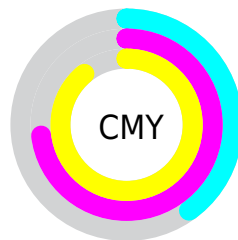
- Red (60%)
- Green (27%)
- Blue (11%)



- Red (60%)
- Yellow (35%)
- Blue (11%)



- Cyan (0%)
- Magenta (55%)
- Yellow (81%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4420, -30.2909, 55.7404 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 90.4420, -30.2909, 55.7404 by changing the saturation by 10% instead.

■ 90.4420, -30.2909,
55.7404

■ 90.4420, -30.2909,
55.7404

255.0000, 0.0000,
0.0000

■ 64.9470, -29.5539,
52.6665

■ 143.0900,
-33.0754, 62.1881

■ 41.0310, -20.2283,
48.2078

■ 170.7590,
-34.3912, 64.2324

■ 20.3320, -10.0237,
41.8048

■ 192.7470,
-32.9063, 54.5959

■ 13.5690, -6.1965,
27.5650

■ 211.5600,
-29.3631, 38.0969

■ 0.0000, 0.0000,
0.0000

■ 231.7750,
-25.5251, 20.3683

■ 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

90.4420, -30.2909,
55.7404

90.4420, -30.2909,
55.7404

82.8620, -33.9490,
62.3880

98.0220, -26.6328,
49.0927

75.9830, -37.4596,
68.4209

106.3030,
-22.8274, 41.8303

113.8830,
-19.1693, 35.1826

121.5770,
-15.0745, 28.4350

129.7440,
-11.7058, 21.2725

■ 137.3240, -8.0477,
14.6249

■ 145.0180, -3.9529,
7.8772

■ 153.1850, -0.5842,
0.7148

■ 160.8790, 3.5107,
-6.0329

Harmonies

Analogous

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



89.3940, -10.5472, 69.8145



90.4420, -30.2909, 55.7404



89.0310, -43.8923, 31.5448

Triad

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



90.4420, -30.2909, 55.7404



75.4510, 2.2427, -66.1705



91.5140, 40.6656, -23.2528

Complementary

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



90.4420, -30.2909, 55.7404



92.5580, 30.2909, -55.7404

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.



80.7530, 47.9428, -70.8204



90.4420, -30.2909, 55.7404



80.9400, 20.7356, -70.9844

Square

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



90.4420, -30.2909, 55.7404



76.5730, -19.5095, -42.5985



83.2830, 37.3285, -73.0392



96.8430, 25.2204, 30.8327

Rectangle

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



90.4420, -30.2909, 55.7404



86.8390, -42.8116, 11.5422



83.2830, 37.3285, -73.0392



76.9540, 49.8157, -64.8577

Sweetspot

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



90.4420, -30.2909, 55.7404



176.7440, -11.7058, 21.2725



76.0650, 18.7020, 68.3490



86.8400, -7.3161, 13.2953



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



90.4420, -30.2909, 55.7404



101.8730, -47.2654, 86.9344



126.2490, -47.9438, 24.3376



72.5660, -1.7580, 3.8886



68.8620, -33.9490, 62.3880



6.2350, -3.0739, 5.9329

Inverse Universe

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



92.5580, 30.2909, -55.7404



105.1270, 47.2654, -86.9344



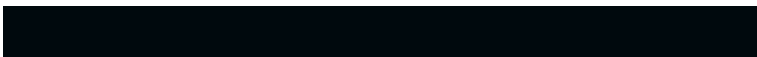
56.7510, 47.9438, -24.3376



72.8470, 2.0474, -3.3738



71.1380, 33.9490, -62.3880



6.7650, 3.0739, -5.9329

Previews

White Background



This preview shows how the YUV color 90.4420, -30.2909, 55.7404 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 90.4420, -30.2909, 55.7404 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 90.4420, -30.2909, 55.7404

Background



This preview shows how black text looks on a background with the YUV color 90.4420, -30.2909, 55.7404.



This preview shows how white text looks on a background with the YUV color 90.4420, -30.2909,

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

90.4420, -30.2909, 55.7404

Protanopia

92.1500, -27.6819, 12.1465

Deuteranopia

91.1040, -34.5613, 25.3418



Tritanopia

93.3660, -11.5194, 54.9300

Trichromacy



Original Color

90.4420, -30.2909, 55.7404

Protanomaly

91.6080, -28.8937, 27.5308

Deuteranomaly

90.9250, -32.9940, 36.0228

Tritanomaly

91.9440, -18.2134, 55.3001

Monochromacy



Original Color

90.4420, -30.2909, 55.7404

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2600, -10.9742, 19.9430

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4420, -30.2909, 55.7404 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(154, 70, 29)` looks like.

```
.text, #text, p{  
    color:rgb(154, 70, 29)  
}
```

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(154, 70, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 70, 29) }
```

Border

The CSS property to change the border of an element to YUV 90.4420, -30.2909, 55.7404 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(154, 70, 29) }
```


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

```
.border{ border-color:rgb(154, 70, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 70, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 70, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 70, 29);  
box-shadow:4px 4px 4px 4px rgb(154, 70,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 90.4420, -30.2909, 55.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 70, 29) }
```

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

```
.background{ background-color: rgb(154, 70,  
29) }
```

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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