

Converting Colors

YUV(169.9030, -79.8182,
74.6301)

Have a look what the booklet for
YUV(169.9030, -79.8182, 74.6301)
contains.

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Color

**YUV(169.9030, -79.8182,
74.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9E08
RGB	255, 158, 8
RGB Percent	100%, 62%, 3%
CMY	0.0000, 0.3804, 0.9686
CMYK	0.00, 0.38, 0.97, 0.00
HSL	36°, 100%, 52%
HSV	36°, 97%, 100%
XYZ	53.5107, 45.7313, 6.2364
YIQ	169.9030, 105.9620, -26.0860

Conversions

Conversions Part 2

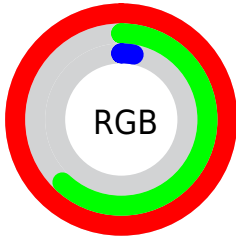
Format	Color
R_{YB}	168, 255, 8
Decimal	16752136
CIE _{Lab}	73.37, 27.64, 76.99
CIE _{LCh}	73, 81.805, 70.251
Yxy	45.7313, 0.5073, 0.4336
Android (android.graphics.Color)	4294942216 (0xFFFF9E08)
YUV	169.9030, -79.8182, 74.6301
Hunter-Lab	67.6249, 22.9012, 41.8696

Details

The YUV color **169.9030, -79.8182, 74.6301** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **93.0970, 79.8182, -74.6301**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5100, -63.8484, 39.0177**, and **119.6300, -58.9776, 63.4685** is the 20% darker color. If you saturate the color by 10%, you get **167.2300, -82.4444, 76.9743**, and if you desaturate by 10%, it is **178.6230, -71.7921, 66.9826**.

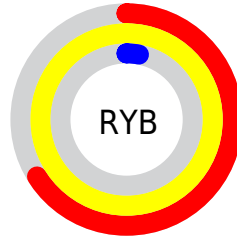
Distribution



Red (100%)

Green (62%)

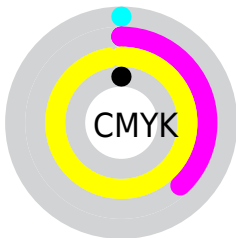
Blue (3%)



Red (66%)

Yellow (100%)

Blue (3%)

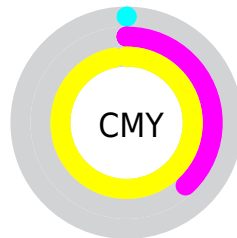


Cyan (0%)

Magenta (38%)

Yellow (97%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9030, -79.8182, 74.6301 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 169.9030, -79.8182, 74.6301 by changing the saturation by 10% instead.

169.9030,
-79.8182, 74.6301

169.9030,
-79.8182, 74.6301

255.0000, 0.0000,
0.0000

144.1610,
-71.0714, 69.1418

210.5100,
-63.8484, 39.0177

119.6300,
-58.9776, 63.4685

230.1380,
-59.7210, 21.8040

96.2730, -47.4626,
56.7656

241.5480,
-51.5422, 11.7974

72.9160, -35.9476,
50.0627

244.7400,
-39.3118, 8.9980

50.7440, -25.0168,
44.0745

248.0460,
-26.6447, 6.0987

27.9850, -13.7966,
38.6012

251.3520,

14.0530, -6.9281,

-13.9775, 3.1993

28.8945

254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 169.9030,
-79.8182, 74.6301

■ 169.9030,
-79.8182, 74.6301

■ 167.2300,
-82.4444, 76.9743

■ 178.6230,
-71.7921, 66.9826

■ 187.4570,
-63.3293, 59.2352

■ 196.2910,
-54.8665, 51.4878

■ 205.0110,
-46.8404, 43.8404

■ 213.8450,
-38.3776, 36.0929

■ 222.5650,
-30.3515, 28.4455

■ 231.3990,
-21.8887, 20.6981

■ 240.1190,
-13.8627, 13.0506

■ 248.9530, -5.3998,
5.3032

Harmonies

Analogous

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



158.8370, -35.9086, 84.3350



169.9030, -79.8182, 74.6301



166.0030, -81.8395, 22.7994

Triad

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



169.9030, -79.8182, 74.6301



149.5750, 27.3245, -131.1773



180.2310, 36.8611, 30.4924

Complementary

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



169.9030, -79.8182, 74.6301



93.0970, 79.8182, -74.6301

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.



135.3170, 59.0037, -118.6730



169.9030, -79.8182, 74.6301



153.5140, 50.0326, -134.6318

Square

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



169.9030, -79.8182, 74.6301



138.2210, -6.0250, -121.2198



147.6440, 52.9265, -129.4838



169.1380, 31.4840, 75.3010

Rectangle

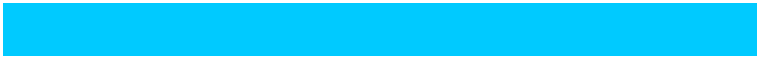
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169.9030, -79.8182, 74.6301



159.8930, -68.4742, -17.4462



147.6440, 52.9265, -129.4838



175.9130, 38.9899, 0.9533

Sweetspot

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



169.9030, -79.8182, 74.6301



229.5410, -23.9307, 22.3275



93.1390, 6.8335, 141.9521



112.3040, -14.4469, 13.7654



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



169.9030, -79.8182, 74.6301



167.2300, -82.4444, 76.9743



219.3670, -104.2039, 9.3251



122.9960, -3.9420, 4.3885



125.2010, -61.7241, 57.7057



42.0290, -20.7203, 19.2686

Inverse Universe

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



93.0970, 79.8182, -74.6301



87.7700, 82.4444, -76.9743



43.6330, 104.2039, -9.3251



119.4170, 4.2314, -3.8737



65.7990, 61.7241, -57.7057



21.9710, 20.7203, -19.2686

Previews

White Background



This preview shows how the YUV color 169.9030, -79.8182, 74.6301 looks on a white 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

Black Background



This preview shows how the YUV color 169.9030, -79.8182, 74.6301 looks on a black 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

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

YUV 169.9030, -79.8182, 74.6301 Background



This preview shows how black text looks on a background with the YUV color 169.9030, -79.8182, 74.6301.



This preview shows how white text looks on a background with the YUV color 169.9030, -79.8182, 74.6301.

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

169.9030, -79.8182, 74.6301

Protanopia

169.5230, -73.7148, 30.2363

Deuteranopia

168.5490, -83.0947, 52.1385



Tritanopia

182.5350, -11.1098, 63.5518

Trichromacy



Original Color

169.9030, -79.8182, 74.6301

Protanomaly

170.0520, -75.9476, 46.4354

Deuteranomaly

168.9460, -81.8114, 60.5604

Tritanomaly

178.0260, -36.0018, 67.5062

Monochromacy



Original Color

169.9030, -79.8182, 74.6301

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1950, -29.1831, 27.0160

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9030, -79.8182, 74.6301 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(255, 158, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 8)  
}
```

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(255, 158, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 8) }
```

Border

The CSS property to change the border of an element to YUV 169.9030, -79.8182, 74.6301 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(255, 158, 8) }
```


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

```
.border{ border-color:rgb(255, 158, 8) }
```

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

Here you see how a box with a 4 pixel rgb(255, 158, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
8) }
```

Background

The CSS property to change the background color of an element to YUV 169.9030, -79.8182, 74.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 8) }
```

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

```
.background{ background-color: rgb(255,  
158, 8) }
```

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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