

Converting Colors

YUV(166.7390, -77.7653,
69.5119)

Have a look what the booklet for
YUV(166.7390, -77.7653, 69.5119)
contains.

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Color

**YUV(166.7390, -77.7653,
69.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	F69D09
RGB	246, 157, 9
RGB Percent	96%, 62%, 4%
CMY	0.0353, 0.3843, 0.9647
CMYK	0.00, 0.36, 0.96, 0.04
HSL	37°, 93%, 50%
HSV	37°, 96%, 96%
XYZ	50.1123, 43.7265, 6.0573
YIQ	166.7390, 100.5520, -27.1600

Conversions

Conversions Part 2

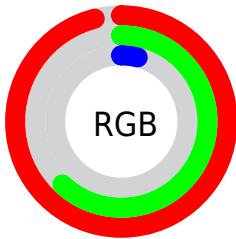
Format	Color
RYB	152, 246, 9
Decimal	16162057
CIELab	72.05, 24.42, 75.45
CIElCh	72, 79.308, 72.064
Yxy	43.7265, 0.5016, 0.4377
Android (android.graphics.Color)	4294352137 (0xFFFF69D09)
YUV	166.7390, -77.7653, 69.5119
Hunter-Lab	66.1260, 19.5522, 40.8571

Details

The YUV color **166.7390, -77.7653, 69.5119** 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 **88.2610, 77.7653, -69.5119**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8090, -63.9958, 39.6325**, and **116.9390, -57.6509, 57.9355** is the 20% darker color. If you saturate the color by 10%, you get **163.9520, -80.8283, 71.9561**, and if you desaturate by 10%, it is **174.8720, -69.4499, 62.3793**.

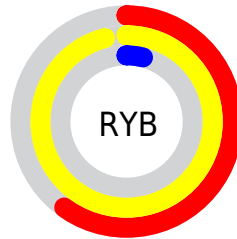
Distribution



Red (96%)

Green (62%)

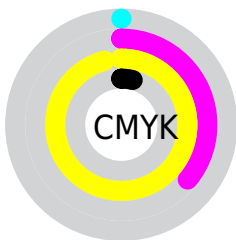
Blue (4%)



Red (60%)

Yellow (96%)

Blue (4%)

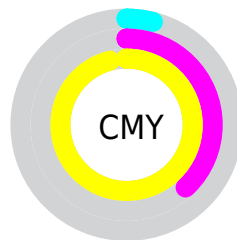


Cyan (0%)

Magenta (36%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (38%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7390, -77.7653, 69.5119 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 166.7390, -77.7653, 69.5119 by changing the saturation by 10% instead.

166.7390,
-77.7653, 69.5119

166.7390,
-77.7653, 69.5119

255.0000, 0.0000,
0.0000

140.8830,
-69.4553, 64.1236

209.8090,
-63.9958, 39.6325

116.9390,
-57.6509, 57.9355

229.5510,
-59.4316, 22.3188

93.2940, -45.9939,
52.3622

241.4340,
-51.9790, 11.8974

70.8230, -34.9157,
45.7592

244.7400,
-39.3118, 8.9980

48.3520, -23.8375,
39.1563

247.9320,
-27.0815, 6.1986

27.3650, -13.4909,
33.8829

251.2380,

12.5580, -6.1911,

-14.4143, 3.2993

25.8206

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 166.7390,
-77.7653, 69.5119

■ 166.7390,
-77.7653, 69.5119

■ 163.9520,
-80.8283, 71.9561

■ 174.8720,
-69.4499, 62.3793

■ 182.8910,
-61.5713, 55.3466

■ 191.6110,
-53.5452, 47.6992

■ 199.6300,
-45.6666, 40.6665

■ 207.7630,
-37.3512, 33.5338

■ 215.8960,
-29.0357, 26.4012

■ 224.5020,
-21.4465, 18.8537

■ 232.6350,
-13.1311, 11.7211

■ 240.6540, -5.2524,
4.6884

Harmonies

Analogous

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



158.9680, -37.9452, 84.2201



166.7390, -77.7653, 69.5119



161.8500, -79.7921, 19.4256

Triad

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



166.7390, -77.7653, 69.5119



146.6400, 28.7715, -128.6033



177.5950, 38.1607, 33.6812

Complementary

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



166.7390, -77.7653, 69.5119



88.2610, 77.7653, -69.5119

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.



148.5390, 52.4853, -81.1567



166.7390, -77.7653, 69.5119



150.5790, 51.4796, -132.0578

Square

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



166.7390, -77.7653, 69.5119



136.2150, -3.5570, -119.4606



144.7090, 54.3735, -126.9098



166.2370, 27.9842, 77.8452

Rectangle

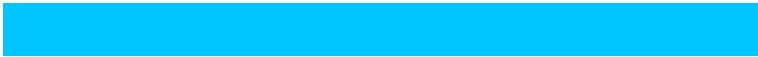
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.7390, -77.7653, 69.5119



157.2930, -61.7694, -21.3050



144.7090, 54.3735, -126.9098



174.1740, 39.8472, 5.9864

Sweetspot

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



166.7390, -77.7653, 69.5119



230.1280, -24.2201, 21.8127



90.2370, 4.8132, 136.6042



112.8910, -14.7363, 13.2506



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.



166.7390, -77.7653, 69.5119



169.5780, -83.6020, 74.9151



210.6100, -99.3937, 6.4810



118.2840, -4.0840, 3.2589



123.7060, -60.9871, 54.6318



39.3600, -19.4045, 17.2243

Inverse Universe

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



88.2610, 77.7653, -69.5119



85.4220, 83.6020, -74.9151



44.3900, 99.3937, -6.4810



114.3030, 3.7946, -3.7737



62.2940, 60.9871, -54.6318



19.6400, 19.4045, -17.2243

Previews

White Background



This preview shows how the YUV color 166.7390, -77.7653, 69.5119 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 166.7390, -77.7653, 69.5119 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 166.7390, -77.7653, 69.5119

Background



This preview shows how black text looks on a background with the YUV color 166.7390, -77.7653, 69.5119.



This preview shows how white text looks on a background with the YUV color 166.7390, -77.7653, 69.5119.

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

166.7390, -77.7653, 69.5119

Protanopia

166.4520, -72.6938, 29.4216

Deuteranopia

165.5920, -81.6369, 51.2238



Tritanopia

178.9480, -10.8204, 64.0666

Trichromacy



Original Color

166.7390, -77.7653, 69.5119

Protanomaly

166.3830, -74.6318, 44.3911

Deuteranomaly

165.9780, -80.3482, 57.9013

Tritanomaly

174.5420, -35.2702, 66.1767

Monochromacy



Original Color

166.7390, -77.7653, 69.5119

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8250, -28.0147, 25.5865

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7390, -77.7653, 69.5119 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(246, 157, 9)` looks like.

```
.text, #text, p{  
    color:rgb(246, 157, 9)  
}
```

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(246, 157, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 157, 9) }
```

Border

The CSS property to change the border of an element to YUV 166.7390, -77.7653, 69.5119 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(246, 157, 9) }
```


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

```
.border{ border-color:rgb(246, 157, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 157, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 157, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 157, 9);  
box-shadow:4px 4px 4px 4px rgb(246, 157,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 166.7390, -77.7653, 69.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 157, 9) }
```

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

```
.background{ background-color: rgb(246,  
157, 9) }
```

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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