

Converting Colors

YUV(90.9740, 76.9208, 14.9318)

Have a look what the booklet for
YUV(90.9740, 76.9208, 14.9318)
contains.

YUV(90.9740, 76.9208, 14.9318)	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>	30

Color

**YUV(90.9740, 76.9208,
14.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	6C34F7
RGB	108, 52, 247
RGB Percent	42%, 20%, 97%
CMY	0.5765, 0.7961, 0.0314
CMYK	0.56, 0.79, 0.00, 0.03
HSL	257°, 92%, 59%
HSV	257°, 79%, 97%
XYZ	24.2008, 12.3595, 89.1058
YIQ	90.9740, -29.2190, 72.5170

Conversions

Conversions Part 2

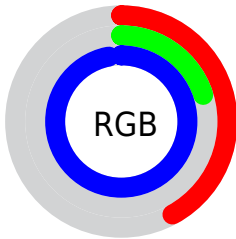
Format	Color
R _Y B	108, 52, 247
Decimal	7091447
CIE Lab	41.78, 67.85, -87.45
CIE LCh	42, 110.683, 307.807
Yxy	12.3595, 0.1926, 0.0984
Android (android.graphics.Color)	4285281527 (0xFF6C34F7)
YUV	90.9740, 76.9208, 14.9318
Hunter-Lab	35.1561, 61.3529, -125.6656

Details

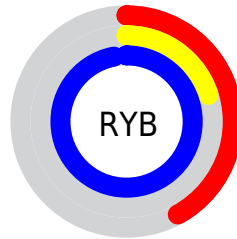
The YUV color **90.9740, 76.9208, 14.9318** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **208.0260, -76.9208, -14.9318**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7200, 55.3540, 25.6786**, and **28.4230, 79.1645, -4.7560** is the 20% darker color. If you saturate the color by 10%, you get **70.9170, 86.8089, 16.7358**, and if you desaturate by 10%, it is **111.0310, 67.0327, 13.1278**.

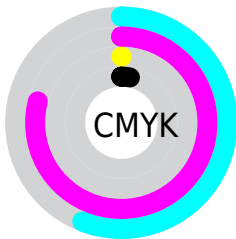
Distribution



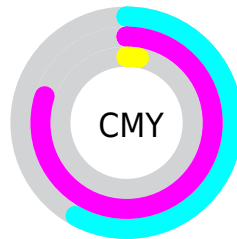
- Red (42%)
- Green (20%)
- Blue (97%)



- Red (42%)
- Yellow (20%)
- Blue (97%)



- Cyan (56%)
- Magenta (79%)
- Yellow (0%)
- Black (3%)



- Cyan (58%)
- Magenta (80%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9740, 76.9208, 14.9318 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 90.9740, 76.9208, 14.9318 by changing the saturation by 10% instead.

90.9740, 76.9208,
14.9318

90.9740, 76.9208,
14.9318

255.0000, 0.0000,
0.0000

59.0060, 78.3840,
12.2727

142.7200, 55.3540,
25.6786

28.4230, 79.1645,
-4.7560

167.8380, 42.9709,
30.8371

18.3540, 70.3245,
-16.0965

193.8420, 30.1509,
36.0956

15.2760, 58.5309,
-13.3971

216.2580, 19.0998,
33.9767

12.1980, 46.7374,
-10.6976

233.2810, 10.7075,
19.0476

15.8050, 32.6341,
-13.8610

250.3040, 2.3151,

9.5470, 23.8873,

4.1184

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 90.9740, 76.9208,
14.9318

■ 90.9740, 76.9208,
14.9318

■ 70.9170, 86.8089,
16.7358

■ 111.0310, 67.0327,
13.1278

■ 51.7460, 96.2602,
18.6398

■ 130.2020, 57.5814,
11.2238

■ 49.3870, 97.4232,
18.9546

■ 150.2590, 47.6933,
9.4199

■ 170.0170, 37.9526,
7.0011

■ 190.0740, 28.0645,
5.1971

■ 209.5440, 18.4658,
3.9079

■ 229.3020, 8.7251,
1.4891

■ 249.3590, -1.1630,
-0.3148

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



91.8790, 80.4187, -80.5779



90.9740, 76.9208, 14.9318



83.9640, 42.4157, 115.7956

Triad

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



90.9740, 76.9208, 14.9318



89.2950, -44.0224, 73.4093



89.5170, 15.5211, -78.5064

Complementary

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



90.9740, 76.9208, 14.9318



208.0260, -76.9208, -14.9318

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.



75.4440, -30.7849, -66.1644



90.9740, 76.9208, 14.9318



90.6490, -44.6900, 7.3238

Square

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



90.9740, 76.9208, 14.9318



66.9760, -33.0192, 137.7100



70.4400, -34.7269, -61.7759



100.9510, 54.2542, -88.5340

Rectangle

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



90.9740, 76.9208, 14.9318



84.5990, 12.5227, 137.1637



70.4400, -34.7269, -61.7759



85.2820, 1.8330, -74.7923

Sweetspot

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



90.9740, 76.9208, 14.9318



206.0370, 24.1388, 4.3526



156.4100, 44.6609, -91.5676



98.2080, 14.6875, 2.4486



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.



90.9740, 76.9208, 14.9318



61.2190, 95.5340, 18.2249



119.9770, 62.6223, 74.5652



112.5640, 4.6519, 1.2594



37.0510, 73.4319, 13.9873



11.8090, 23.2652, 4.5525

Inverse Universe

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



126.1510, 31.9706, 105.9846



104.9660, 39.4568, 131.5798



179.0230, -62.6223, -74.5652



114.6140, 2.1623, 6.4775



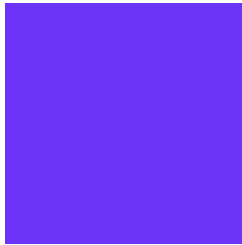
70.7760, 30.6764, 101.0514



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 90.9740, 76.9208, 14.9318 looks on a white background.

Color Contrast Check

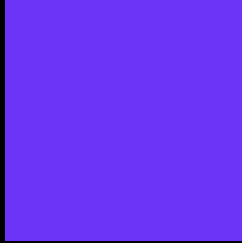
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.9740, 76.9208, 14.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

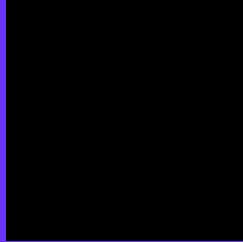
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9740, 76.9208, 14.9318

Background



This preview shows how black text looks on a background with the YUV color 90.9740, 76.9208, 14.9318.



This preview shows how white text looks on a background with the YUV color 90.9740, 76.9208,

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

90.9740, 76.9208, 14.9318

Deuteranopia

78.7810, 45.4640, -69.0909

Tritanopia

91.9730, 10.8593, -29.7943

Trichromacy



Original Color

90.9740, 76.9208, 14.9318

Deuteranomaly

83.0680, 57.1545, -38.6476

Tritanomaly

91.6740, 34.6707, -13.7461

Monochromacy



Original Color

90.9740, 76.9208, 14.9318

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0740, 28.0645, 5.1971

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9740, 76.9208, 14.9318 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(108, 52, 247)` looks like.

```
.text, #text, p{  
    color:rgb(108, 52, 247)  
}
```

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(108, 52, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 52, 247) }
```

Border

The CSS property to change the border of an element to YUV 90.9740, 76.9208, 14.9318 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(108, 52, 247) }
```

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

```
.border{ border-color:rgb(108, 52, 247) }
```

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

Here you see how a box with a 4 pixel rgb(108, 52, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 52, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 52, 247);  
box-shadow:4px 4px 4px 4px rgb(108, 52,  
247) }
```


Background

The CSS property to change the background color of an element to YUV 90.9740, 76.9208, 14.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 52, 247) }
```

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

```
.background{ background-color: rgb(108, 52,  
247) }
```

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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