

Converting Colors

YUV(129.8950, 42.9428,
-6.9239)

Have a look what the booklet for
YUV(129.8950, 42.9428, -6.9239)
contains.

YUV(129.8950, 42.9428, -6.9239)	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(129.8950, 42.9428,
-6.9239)**

Conversions

Conversions Part 1

Format	Color
Hex	7A75D9
RGB	122, 117, 217
RGB Percent	48%, 46%, 85%
CMY	0.5216, 0.5412, 0.1490
CMYK	0.44, 0.46, 0.00, 0.15
HSL	243°, 57%, 65%
HSV	243°, 46%, 85%
XYZ	26.9117, 21.8699, 68.4486
YIQ	129.8950, -29.1200, 32.1600

Conversions

Conversions Part 2

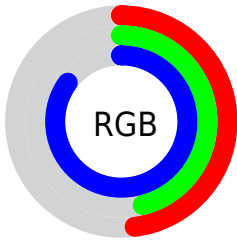
Format	Color
R _Y B	122, 117, 217
Decimal	8025561
CIE Lab	53.89, 27.08, -50.83
CIE LCh	54, 57.595, 298.047
Yxy	21.8699, 0.2296, 0.1866
Android (android.graphics.Color)	4286215641 (0xFF7A75D9)
YUV	129.8950, 42.9428, -6.9239
Hunter-Lab	46.7653, 20.8810, -54.0448

Details

The YUV color **129.8950, 42.9428, -6.9239** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **204.1050, -42.9428, 6.9239**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7940, 36.0906, -2.4503**, and **78.2920, 40.7750, -11.6571** is the 20% darker color. If you saturate the color by 10%, you get **110.7020, 52.4049, -8.5087**, and if you desaturate by 10%, it is **149.0880, 33.4806, -5.3392**.

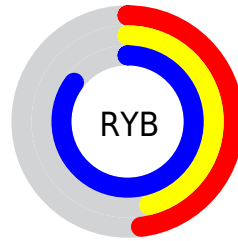
Distribution



Red (48%)

Green (46%)

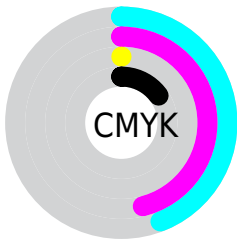
Blue (85%)



Red (48%)

Yellow (46%)

Blue (85%)

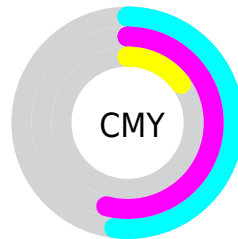


Cyan (44%)

Magenta (46%)

Yellow (0%)

Black (15%)



Cyan (52%)

Magenta (54%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8950, 42.9428, -6.9239 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 129.8950, 42.9428, -6.9239 by changing the saturation by 10% instead.

■ 129.8950, 42.9428,
-6.9239

■ 129.8950, 42.9428,
-6.9239

255.0000, 0.0000,
0.0000

■ 103.6560, 42.0746,
-8.4683

■ 181.7940, 36.0906,
-2.4503

■ 78.2920, 40.7750,
-11.6571

■ 206.0150, 24.1496,
0.8638

■ 52.5580, 40.6439,
-16.2754

■ 231.4210, 11.6244,
4.8928

■ 27.6880, 40.0868,
-24.2824

253.8260, 0.5788,
1.0296

■ 11.3370, 35.8229,
-9.9425

■ 9.7750, 24.7609,
-8.5727

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 129.8950, 42.9428,
-6.9239

■ 129.8950, 42.9428,
-6.9239

■ 110.7020, 52.4049,
-8.5087

■ 149.0880, 33.4806,
-5.3392

■ 92.3950, 61.4303,
-9.9934

■ 167.3950, 24.4553,
-3.8544

■ 73.2020, 70.8924,
-11.5782

■ 186.5880, 14.9931,
-2.2697

■ 54.3080, 80.2072,
-12.5481

■ 205.4820, 5.6784,
-1.2997

■ 35.7020, 89.3799,
-14.6477

■ 224.6750, -3.7838,
0.2850

■ 28.0270, 93.1637,
-14.9327

■ 243.2810,
-12.9565, 2.3846

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



105.8240, 60.2328, -92.8076



129.8950, 42.9428, -6.9239



131.8280, 24.7348, 46.6318

Triad

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



129.8950, 42.9428, -6.9239



125.1300, -40.4901, 60.3990



103.3600, 10.1755, -90.6467

Complementary

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



129.8950, 42.9428, -6.9239



204.1050, -42.9428, 6.9239

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.



102.9720, -14.7762, -67.5044



129.8950, 42.9428, -6.9239



121.1590, -54.8014, 30.5556

Square

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



129.8950, 42.9428, -6.9239



124.7560, -19.5997, 80.0210



117.8920, -43.3308, -8.6753



109.0600, 32.0154, -95.6456

Rectangle

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



129.8950, 42.9428, -6.9239



128.1270, 11.2764, 70.0486



117.8920, -43.3308, -8.6753



100.8350, 3.0393, -88.4323

Sweetspot

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



129.8950, 42.9428, -6.9239



223.7020, 15.4299, -2.3697



184.1650, 16.1877, -58.9037



108.8070, 9.4621, -1.5847



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.



129.8950, 42.9428, -6.9239



133.0530, 60.1199, -9.6935



144.8450, 35.5724, 23.8149



100.2540, 4.8048, -1.0998



22.4130, 74.2394, -11.7632



5.8420, 19.7979, -3.3694

Inverse Universe

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



157.7300, 26.7551, 51.9798



172.0220, 37.4572, 72.7717



189.1550, -35.5724, -23.8149



103.4290, 2.7465, 5.7628



70.5370, 46.5703, 89.8601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 129.8950, 42.9428, -6.9239 looks on a white background.

Color Contrast Check

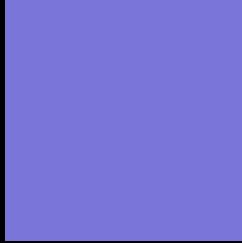
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 129.8950, 42.9428, -6.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

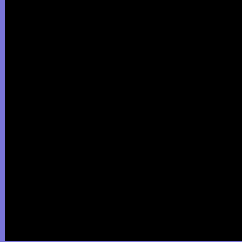
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.8950, 42.9428, -6.9239

Background



This preview shows how black text looks on a background with the YUV color 129.8950, 42.9428, -6.9239.



This preview shows how white text looks on a background with the YUV color 129.8950, 42.9428, -6.9239.

-6.9239.

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

129.8950, 42.9428, -6.9239

Protanopia

123.8420, 49.8709, -35.8184

Deuteranopia

121.3480, 45.6774, -44.1552



Tritanopia

125.8710, 8.9376, -20.0579

Trichromacy



Original Color

129.8950, 42.9428, -6.9239

Protanomaly

125.9250, 47.3650, -25.3672

Deuteranomaly

124.7950, 44.4711, -30.5152

Tritanomaly

127.5200, 21.4356, -15.3650

Monochromacy



Original Color

129.8950, 42.9428, -6.9239

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8160, 15.8667, -2.4696

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8950, 42.9428, -6.9239 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(122, 117, 217)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 217)  
}
```

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(122, 117, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 217) }
```

Border

The CSS property to change the border of an element to YUV 129.8950, 42.9428, -6.9239 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(122, 117, 217) }
```


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

```
.border{ border-color:rgb(122, 117, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 117, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 117, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 117, 217); box-shadow:4px 4px 4px 4px rgb(122, 117, 217) }
```

Background

The CSS property to change the background color of an element to YUV 129.8950, 42.9428, -6.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 217) }
```

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

```
.background{ background-color: rgb(122,  
117, 217) }
```

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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