

Converting Colors

YUV(92.5630, 70.2214, 17.0462)

Have a look what the booklet for
YUV(92.5630, 70.2214, 17.0462)
contains.

YUV(92.5630, 70.2214, 17.0462)	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(92.5630, 70.2214,
17.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	7037EB
RGB	112, 55, 235
RGB Percent	44%, 22%, 92%
CMY	0.5608, 0.7843, 0.0784
CMYK	0.52, 0.77, 0.00, 0.08
HSL	259°, 82%, 57%
HSV	259°, 77%, 92%
XYZ	23.0437, 12.1753, 79.7328
YIQ	92.5630, -23.8080, 68.0640

Conversions

Conversions Part 2

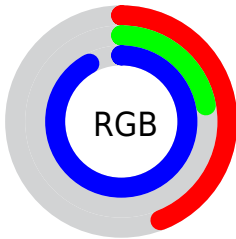
Format	Color
R _Y B	112, 55, 235
Decimal	7354347
CIE Lab	41.49, 63.96, -81.14
CIE LCh	41, 103.319, 308.246
Yxy	12.1753, 0.2005, 0.1059
Android (android.graphics.Color)	4285544427 (0xFF7037EB)
YUV	92.5630, 70.2214, 17.0462
Hunter-Lab	34.8931, 56.8199, -111.0560

Details

The YUV color **92.5630, 70.2214, 17.0462** is a dark color, and the websafe version is hex **6600CC**. The color can be described as middle washed purple. A complement of this color would be **197.4370, -70.2214, -17.0462**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4920, 54.4804, 25.8785**, and **31.9530, 72.0012, 6.1802** is the 20% darker color. If you saturate the color by 10%, you get **73.6910, 79.5253, 19.5650**, and if you desaturate by 10%, it is **110.8480, 61.2069, 15.0423**.

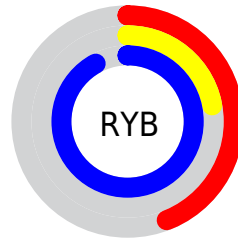
Distribution



Red (44%)

Green (22%)

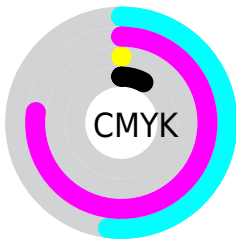
Blue (92%)



Red (44%)

Yellow (22%)

Blue (92%)

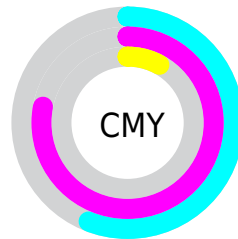


Cyan (52%)

Magenta (77%)

Yellow (0%)

Black (8%)



Cyan (56%)

Magenta (78%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5630, 70.2214, 17.0462 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 92.5630, 70.2214, 17.0462 by changing the saturation by 10% instead.

92.5630, 70.2214,
17.0462

92.5630, 70.2214,
17.0462

255.0000, 0.0000,
0.0000

62.3670, 70.8111,
14.5871

144.4920, 54.4804,
25.8785

31.9530, 72.0012,
6.1802

169.6100, 42.0973,
31.0370

17.1000, 65.5197,
-14.9967

195.0160, 29.5721,
35.0660

14.0220, 53.7262,
-12.2973

217.4320, 18.5210,
32.9471

11.0580, 42.3694,
-9.6979

233.8680, 10.4181,
18.5328

12.9040, 29.1343,
-11.3168

251.4780, 1.7363,

7.9340, 20.2455,

3.0888

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 92.5630, 70.2214,
17.0462

■ 92.5630, 70.2214,
17.0462

■ 73.6910, 79.5253,
19.5650

■ 110.8480, 61.2069,
15.0423

■ 55.4060, 88.5398,
21.5689

■ 129.7200, 51.9030,
12.5236

■ 48.9160, 91.7394,
21.9987

■ 148.0050, 42.8885,
10.5196

■ 166.8770, 33.5846,
8.0009

■ 185.1620, 24.5701,
5.9969

■ 204.0340, 15.2662,
3.4782

■ 222.3190, 6.2517,
1.4742

■ 241.1910, -3.0522,
-1.0445

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



92.5630, 70.2214, 17.0462



81.0730, 40.3900, 112.1920

Triad

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



92.5630, 70.2214, 17.0462



89.5610, -44.1536, 68.7910



88.2290, 15.6631, -77.3768

Complementary

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



92.5630, 70.2214, 17.0462



197.4370, -70.2214, -17.0462

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.



76.1110, -25.6907, -66.7493



92.5630, 70.2214, 17.0462



90.0620, -44.4006, 7.8386

Square

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



92.5630, 70.2214, 17.0462



64.5840, -31.8399, 132.7918



69.2660, -34.1481, -60.7463



98.9790, 51.7754, -86.8046

Rectangle

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



92.5630, 70.2214, 17.0462



81.5660, 12.5390, 131.9306



69.2660, -34.1481, -60.7463



84.9230, 2.9960, -74.4775

Sweetspot

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



92.5630, 70.2214, 17.0462



208.4070, 22.9703, 5.7821



147.7210, 43.0285, -81.3163



99.3930, 14.1033, 3.1633



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.



92.5630, 70.2214, 17.0462



69.2150, 91.5920, 22.6134



119.4730, 56.9548, 72.3762



108.1510, 4.3626, 0.7446



37.6770, 70.6582, 16.9463



11.2390, 21.0812, 5.0524

Inverse Universe

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



122.8420, 27.1929, 98.3626



108.6190, 35.6838, 128.3761



170.5270, -56.9548, -72.3762



110.2010, 1.8729, 5.9627



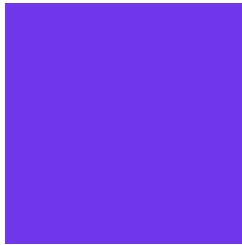
68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 92.5630, 70.2214, 17.0462 looks on a white background.

Color Contrast Check

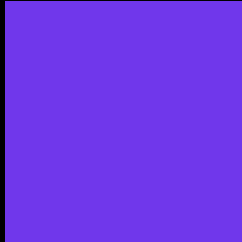
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.5630, 70.2214, 17.0462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

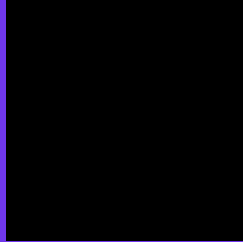
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.5630, 70.2214, 17.0462

Background



This preview shows how black text looks on a background with the YUV color 92.5630, 70.2214, 17.0462.



This preview shows how white text looks on a background with the YUV color 92.5630, 70.2214,

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

92.5630, 70.2214, 17.0462

Protanopia

77.7500, 59.2833, -68.1868

Deuteranopia

78.0800, 45.3166, -68.4762



Tritanopia

94.2410, 7.7692, -18.6284

Trichromacy



Original Color

92.5630, 70.2214, 17.0462

Protanomaly

83.2730, 62.9694, -37.0734

Deuteranomaly

83.6830, 54.3863, -37.4330

Tritanomaly

93.5780, 30.2810, -5.7689

Monochromacy



Original Color

92.5630, 70.2214, 17.0462

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8030, 25.7331, 6.3118

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5630, 70.2214, 17.0462 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(112, 55, 235)` looks like.

```
.text, #text, p{  
    color:rgb(112, 55, 235)  
}
```

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(112, 55, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 55, 235) }
```

Border

The CSS property to change the border of an element to YUV 92.5630, 70.2214, 17.0462 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(112, 55, 235) }
```


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

```
.border{ border-color:rgb(112, 55, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 55, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 55, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 55, 235);  
box-shadow:4px 4px 4px 4px rgb(112, 55,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 92.5630, 70.2214, 17.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 55, 235) }
```

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

```
.background{ background-color: rgb(112, 55,  
235) }
```

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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