

# Converting Colors

YUV(62.1730, 88.6547, 31.4203)

Have a look what the booklet for  
YUV(62.1730, 88.6547, 31.4203)  
contains.

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# Color

**YUV(62.1730, 88.6547,  
31.4203)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6209F2
RGB	98, 9, 242
RGB Percent	38%, 4%, 95%
CMY	0.6157, 0.9647, 0.0510
CMYK	0.60, 0.96, 0.00, 0.05
HSL	263°, 93%, 49%
HSV	263°, 96%, 95%
XYZ	21.1617, 9.2028, 84.6654
YIQ	62.1730, -21.7490, 91.3310

# Conversions

## Conversions Part 2

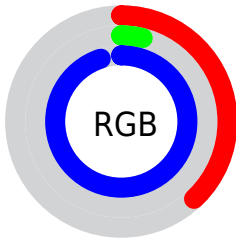
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 9, 242
Decimal	6425074
CIE Lab	36.37, 77.30, -93.62
CIE LCh	36, 121.408, 309.548
Yxy	9.2028, 0.1840, 0.0800
Android (android.graphics.Color)	4284615154 (0xFF6209F2)
YUV	62.1730, 88.6547, 31.4203
Hunter-Lab	30.3362, 71.4284, -144.2373

# Details

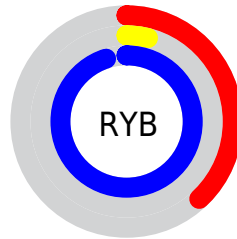
The YUV color **62.1730, 88.6547, 31.4203** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **188.8270, -88.6547, -31.4203**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0660, 64.0575, 34.1451**, and **20.9760, 80.3708, -18.3960** is the 20% darker color. If you saturate the color by 10%, you get **55.0960, 92.1437, 32.3648**, and if you desaturate by 10%, it is **80.7460, 79.4982, 28.2868**.

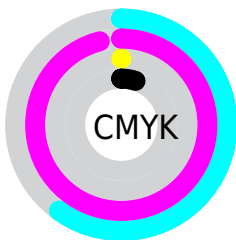
# Distribution



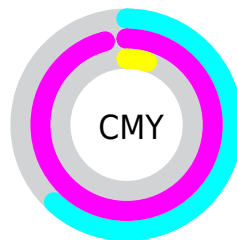
- Red (38%)
- Green (4%)
- Blue (95%)



- Red (38%)
- Yellow (4%)
- Blue (95%)



- Cyan (60%)
- Magenta (96%)
- Yellow (0%)
- Black (5%)



- Cyan (62%)
- Magenta (96%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.1730, 88.6547, 31.4203 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 62.1730, 88.6547, 31.4203 by changing the saturation by 10% instead.



62.1730, 88.6547,  
31.4203

62.1730, 88.6547,  
31.4203

255.0000, 0.0000,  
0.0000

41.9230, 84.3410,  
14.9765

125.0660, 64.0575,  
34.1451

20.9760, 80.3708,  
-18.3960

151.0700, 51.2375,  
39.4036

17.7840, 68.1405,  
-15.5966

177.0740, 38.4175,  
44.6621

14.7060, 56.3469,  
-12.8972

201.5830, 26.3346,  
46.8467

13.5030, 44.1220,  
-11.8421

218.6060, 17.9422,  
31.9175

14.6480, 30.7395,  
-12.8463

235.6290, 9.5499,

9.0910, 22.1401,

16.9884

-7.9728

253.2390, 0.8682,  
1.5444

4.7080, 12.9620,  
-4.1289

0.3420, 1.3104,  
-0.2999

62.1730, 88.6547,  
31.4203

62.1730, 88.6547,  
31.4203

55.0960, 92.1437,  
32.3648

80.7460, 79.4982,  
28.2868

99.3190, 70.3417,  
25.1532

118.4790, 60.8959,  
21.5049

137.0520, 51.7394,  
18.3714

■ 155.6250, 42.5829,  
15.2379

■ 174.1980, 33.4264,  
12.1044

■ 192.7710, 24.2699,  
8.9708

■ 211.9310, 14.8240,  
5.3225

■ 230.5040, 5.6675,  
2.1890

# Harmonies

## Analogous

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



84.8350, 83.8913, -74.4003



62.1730, 88.6547, 31.4203



81.4710, 36.7428, 115.3509

# Triad

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



62.1730, 88.6547, 31.4203



75.4070, -37.1757, 70.6801



80.7290, 17.3886, -70.7993

# Complementary

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



62.1730, 88.6547, 31.4203



188.8270, -88.6547, -31.4203

# 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.



65.7440, -32.4118, -57.6575



62.1730, 88.6547, 31.4203



77.3150, -38.1163, -1.1533

# Square

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



62.1730, 88.6547, 31.4203



63.3880, -31.2503, 130.3327



63.3960, -31.2542, -55.5983



93.4340, 58.4530, -81.9416



# Rectangle

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



62.1730, 88.6547, 31.4203



81.1660, 5.8342, 135.7894



63.3960, -31.2542, -55.5983



76.2660, 2.8269, -66.8853

# Sweetspot

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



62.1730, 88.6547, 31.4203



197.8080, 28.1957, 9.8154



122.4380, 58.9441, -99.4851



93.2130, 17.1500, 5.9522



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.



62.1730, 88.6547, 31.4203



58.0730, 97.0850, 34.1390



95.9600, 71.9977, 100.8901



110.5640, 4.6519, 1.2594



41.9060, 70.0523, 24.6384



12.6630, 21.3651, 7.3115



# Inverse Universe

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



95.0830, 28.5531, 128.8462



94.2570, 31.4253, 140.9716



155.0400, -71.9977, -100.8901



112.3860, 1.2887, 6.6775



67.8980, 22.2353, 101.8215

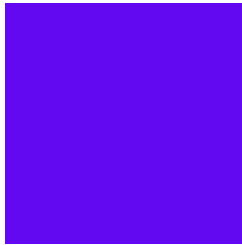


20.7340, 7.0331, 30.9283



# Previews

## White Background



This preview shows how the YUV color 62.1730, 88.6547, 31.4203 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

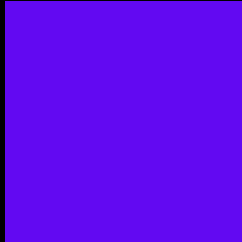
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 62.1730, 88.6547, 31.4203 looks on a black 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

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

# YUV 62.1730, 88.6547, 31.4203

## Background



This preview shows how black text looks on a background with the YUV color 62.1730, 88.6547, 31.4203.



This preview shows how white text looks on a background with the YUV color 62.1730, 88.6547,



# 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

62.1730, 88.6547, 31.4203

### Protanopia

68.6710, 52.4202, -60.2245

### Deuteranopia

69.2290, 39.3271, -60.7138



## Tritanopia

76.6730, 12.4862, -38.3012

# Trichromacy



## Original Color

62.1730, 88.6547, 31.4203

## Protanomaly

66.3220, 65.4103, -26.5924

## Deuteranomaly

66.8460, 57.2639, -27.0519

## Tritanomaly

71.4660, 40.1963, -12.6867

# Monochromacy



## Original Color

62.1730, 88.6547, 31.4203

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.1440, 31.9740, 11.2747

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.1730, 88.6547, 31.4203 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(98, 9, 242)` looks like.

```
.text, #text, p{  
    color:rgb(98, 9, 242)  
}
```

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(98, 9, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 9, 242) }
```

## Border

The CSS property to change the border of an element to YUV 62.1730, 88.6547, 31.4203 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(98, 9, 242) }
```



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

```
.border{ border-color:rgb(98, 9, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 9, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 9, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 9, 242);  
box-shadow:4px 4px 4px 4px rgb(98, 9, 242)  
}
```

# Background

The CSS property to change the background color of an element to YUV 62.1730, 88.6547, 31.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 9, 242) }
```

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

```
.background{ background-color: rgb(98, 9,  
242) }
```

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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