

# Converting Colors

YUV(171.7590, 22.7968,  
61.6014)

Have a look what the booklet for  
YUV(171.7590, 22.7968, 61.6014)  
contains.

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# Color

**YUV(171.7590, 22.7968,  
61.6014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F27FDA
RGB	242, 127, 218
RGB Percent	95%, 50%, 85%
CMY	0.0510, 0.5020, 0.1451
CMYK	0.00, 0.48, 0.10, 0.05
HSL	313°, 82%, 72%
HSV	313°, 48%, 95%
XYZ	56.8622, 39.1179, 70.8832
YIQ	171.7590, 39.3290, 52.6810

# Conversions

## Conversions Part 2

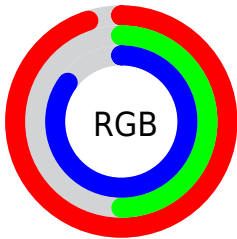
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 127, 218
Decimal	15892442
CIE Lab	68.84, 55.63, -27.07
CIE LCh	69, 61.867, 334.055
Yxy	39.1179, 0.3408, 0.2344
Android (android.graphics.Color)	4294082522 (0xFFFF27FDA)
YUV	171.7590, 22.7968, 61.6014
Hunter-Lab	62.5443, 52.8307, -23.4139

# Details

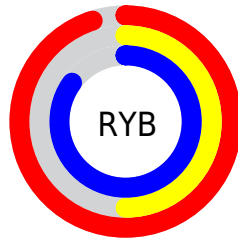
The YUV color **171.7590, 22.7968, 61.6014** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **197.2410, -22.7968, -61.6014**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7360, 20.8362, 37.0655**, and **115.8620, 23.2390, 59.7570** is the 20% darker color. If you saturate the color by 10%, you get **157.1010, 27.5582, 74.4564**, and if you desaturate by 10%, it is **186.4170, 18.0354, 48.7463**.

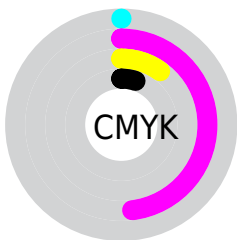
# Distribution



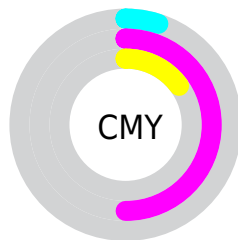
- Red (95%)
- Green (50%)
- Blue (85%)



- Red (95%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (48%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (50%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.7590, 22.7968, 61.6014 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 171.7590, 22.7968, 61.6014 by changing the saturation by 10% instead.





 171.7590, 22.7968,  
61.6014


 171.7590, 22.7968,  
61.6014

255.0000, 0.0000,  
0.0000


 144.0470, 22.6548,  
60.4718


 212.7360, 20.8362,  
37.0655


 115.8620, 23.2390,  
59.7570


 229.1720, 12.7332,  
22.6512

 87.6770, 23.8232,  
59.0423

 246.7820, 4.0515,  
7.2072

 52.9750, 28.6063,  
64.9199

 39.7040, 22.8239,  
52.8796

 29.1940, 16.1734,  
39.2949

 19.6240, 10.5384,

26.6398

■ 5.3410, 6.2409,  
4.9629

■ 0.0000, 0.0000,  
0.0000

■ 171.7590, 22.7968,  
61.6014

■ 171.7590, 22.7968,  
61.6014

■ 157.1010, 27.5582,  
74.4564

■ 186.4170, 18.0354,  
48.7463

■ 142.4430, 32.3196,  
87.3115

■ 201.0750, 13.2740,  
35.8912

■ 127.1980, 37.3704,  
100.6814

■ 216.3200, 8.2232,  
22.5214

■ 112.5400, 42.1318,  
113.5364

■ 230.9780, 3.4618,  
9.6663

97.8820, 46.8932,  
126.3915

245.6360, -1.2995,  
-3.1888

94.1320, 47.7559,  
129.6802

250.3150, -1.1413,  
-7.2923

250.8850, 1.0427,  
-7.7921

251.1130, 1.9163,  
-7.9921

# Harmonies

## Analogous

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



170.9400, 41.4416, 7.9456



171.7590, 22.7968, 61.6014



162.9190, 0.0399, 80.7550

# Triad

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



171.7590, 22.7968, 61.6014



160.9690, -56.6797, 26.3372



139.9840, 43.8849, -122.7660

# Complementary

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



171.7590, 22.7968, 61.6014



197.2410, -22.7968, -61.6014

# 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.



134.3010, 19.5716, -117.7820



171.7590, 22.7968, 61.6014



155.0540, -42.4246, -19.3414

# Square

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



171.7590, 22.7968, 61.6014



164.2630, -48.9367, 62.9133



136.5180, -9.6224, -87.2773



138.8390, 57.2674, -121.7618



# Rectangle

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



171.7590, 22.7968, 61.6014



161.0490, -17.2792, 82.3950



136.5180, -9.6224, -87.2773



138.6330, 36.1699, -121.5811

# Sweetspot

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



171.7590, 22.7968, 61.6014



233.0700, 7.3605, 19.2326



146.9870, 46.8414, 2.6424



114.5160, 4.1826, 11.8255



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.



171.7590, 22.7968, 61.6014



166.4650, 28.8578, 77.6452



165.3750, -1.6639, 67.2001



112.6140, 2.1623, 6.4775



71.5460, 36.2128, 98.6222



21.7600, 10.9643, 30.0285



# Inverse Universe

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



171.7590, 22.7968, 61.6014



166.4650, 28.8578, 77.6452



203.7390, 2.1007, -67.3001



112.6140, 2.1623, 6.4775



71.5460, 36.2128, 98.6222

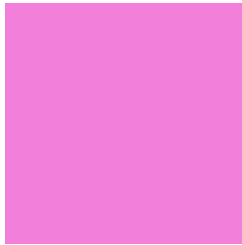


21.7600, 10.9643, 30.0285



# Previews

## White Background



This preview shows how the YUV color 171.7590, 22.7968, 61.6014 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

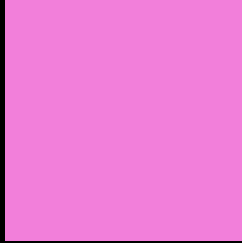
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 171.7590, 22.7968, 61.6014 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

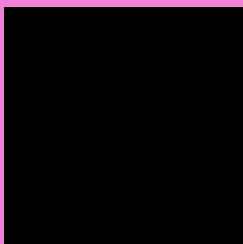
Any Text WCAG AA ✓ Pass

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 171.7590, 22.7968, 61.6014 Background



This preview shows how black text looks on a background with the YUV color 171.7590, 22.7968, 61.6014.



This preview shows how white text looks on a background with the YUV color 171.7590, 22.7968,



# 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

171.7590, 22.7968, 61.6014

### Protanopia

167.8730, 39.5026, -23.5676

### Deuteranopia

169.3470, 20.5349, -6.4433



## Tritanopia

170.3600, -9.0515, 56.6893

# Trichromacy



## Original Color

171.7590, 22.7968, 61.6014



## Protanomaly

169.4640, 33.2952, 7.4861



## Deuteranomaly

170.1420, 21.6220, 18.2925



## Tritanomaly

171.0580, 2.4364, 58.7081

# Monochromacy



## Original Color

171.7590, 22.7968, 61.6014



## Achromatopsia

172.0000, 0.0000, 0.0000



## Achromatomaly

172.0210, 8.3706, 21.9066

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.7590, 22.7968, 61.6014 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(242, 127, 218)` looks like.

```
.text, #text, p{  
    color:rgb(242, 127, 218)  
}
```

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(242, 127, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 127, 218) }
```

## Border

The CSS property to change the border of an element to YUV 171.7590, 22.7968, 61.6014 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(242, 127, 218) }
```



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

```
.border{ border-color:rgb(242, 127, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 127, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 127, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 127, 218);  
box-shadow:4px 4px 4px 4px rgb(242, 127,  
218) }
```

# Background

The CSS property to change the background color of an element to YUV 171.7590, 22.7968, 61.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 127, 218) }
```

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

```
.background{ background-color: rgb(242,  
127, 218) }
```

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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