

# Converting Colors

YUV(164.6670, 22.3492,  
65.1900)

Have a look what the booklet for  
YUV(164.6670, 22.3492, 65.1900)  
contains.

<b>YUV(164.6670, 22.3492, 65.1900)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(164.6670, 22.3492,  
65.1900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF76D2
RGB	239, 118, 210
RGB Percent	94%, 46%, 82%
CMY	0.0627, 0.5373, 0.1765
CMYK	0.00, 0.51, 0.12, 0.06
HSL	314°, 79%, 70%
HSV	314°, 51%, 94%
XYZ	53.7079, 35.9607, 65.0832
YIQ	164.6670, 42.5840, 54.2640

# Conversions

## Conversions Part 2

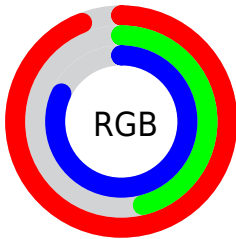
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 118, 210
Decimal	15693522
CIE Lab	66.49, 57.81, -26.25
CIE LCh	66, 63.489, 335.578
Yxy	35.9607, 0.3471, 0.2324
Android (android.graphics.Color)	4293883602 (0xFFEF76D2)
YUV	164.6670, 22.3492, 65.1900
Hunter-Lab	59.9673, 54.9255, -22.3710

# Details

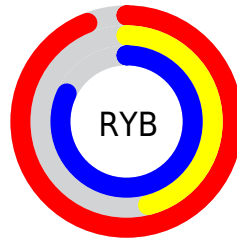
The YUV color **164.6670, 22.3492, 65.1900** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **192.3330, -22.3492, -65.1900**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4530, 23.4407, 41.6987**, and **108.1830, 23.0808, 63.8605** is the 20% darker color. If you saturate the color by 10%, you get **149.8950, 26.6738, 78.1451**, and if you desaturate by 10%, it is **179.4390, 18.0246, 52.2350**.

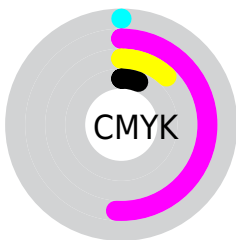
# Distribution



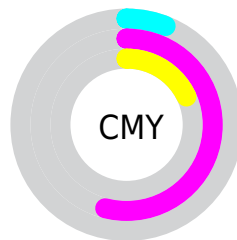
- Red (94%)
- Green (46%)
- Blue (82%)



- Red (94%)
- Yellow (46%)
- Blue (82%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.6670, 22.3492, 65.1900 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 164.6670, 22.3492, 65.1900 by changing the saturation by 10% instead.



164.6670, 22.3492,  
65.1900

164.6670, 22.3492,  
65.1900

255.0000, 0.0000,  
0.0000

136.0690, 22.6440,  
63.9605

207.4530, 23.4407,  
41.6987

108.1830, 23.0808,  
63.8605

223.8890, 15.3377,  
27.2843

78.3510, 24.9700,  
64.5902

241.4990, 6.6560,  
11.8404

48.9320, 27.1485,  
65.8346

38.0090, 20.2086,  
51.7351

27.3140, 14.1422,  
37.4356

17.6300, 8.0704,

24.8805

■ 0.7980, 3.0576,  
-0.6998

■ 0.0000, 0.0000,  
0.0000

■ 164.6670, 22.3492,  
65.1900

■ 164.6670, 22.3492,  
65.1900

■ 149.8950, 26.6738,  
78.1451

■ 179.4390, 18.0246,  
52.2350

■ 135.2370, 31.4352,  
91.0002

■ 194.0970, 13.2632,  
39.3799

■ 120.4650, 35.7598,  
103.9552

■ 208.8690, 8.9386,  
26.4249

■ 105.6930, 40.0844,  
116.9102

■ 223.6410, 4.6140,  
13.4698

92.2090, 44.2670,  
128.7357

237.8260, 0.5788,  
1.0296

248.9620, -2.4463,  
-8.7367

249.6460, 0.1745,  
-9.3365

250.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



165.6460, 44.0515, 10.8345



164.6670, 22.3492, 65.1900



156.4960, -1.7235, 86.3880

# Triad

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



164.6670, 22.3492, 65.1900



153.0890, -58.7109, 24.4779



136.2340, 44.7476, -119.4772

# Complementary

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



164.6670, 22.3492, 65.1900



192.3330, -22.3492, -65.1900

# 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.



130.4370, 19.9976, -114.3932



164.6670, 22.3492, 65.1900



147.3310, -42.5612, -22.2153

# Square

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



164.6670, 22.3492, 65.1900



157.0950, -50.8258, 62.1837



121.9500, -4.9053, -106.9501



134.7300, 59.2931, -118.1582



# Rectangle

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



164.6670, 22.3492, 65.1900



155.8000, -19.6214, 86.9984



121.9500, -4.9053, -106.9501



134.7690, 36.5959, -118.1924

# Sweetspot

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



164.6670, 22.3492, 65.1900



231.6680, 7.0657, 20.4622



140.1660, 48.7252, 5.1164



113.8150, 4.0352, 12.4402



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.



164.6670, 22.3492, 65.1900



159.2100, 28.9835, 84.0078



157.8270, -3.8587, 71.1887



112.6140, 2.1623, 6.4775



70.9760, 34.0288, 99.1220



21.6460, 10.5275, 30.1285



# Inverse Universe

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



164.6670, 22.3492, 65.1900



159.2100, 28.9835, 84.0078



199.1730, 3.8587, -71.1887



112.6140, 2.1623, 6.4775



70.9760, 34.0288, 99.1220



21.6460, 10.5275, 30.1285



# Previews

## White Background



This preview shows how the YUV color 164.6670, 22.3492, 65.1900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

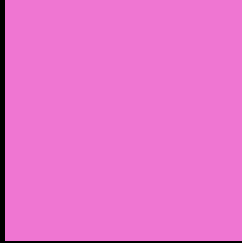
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 164.6670, 22.3492, 65.1900 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

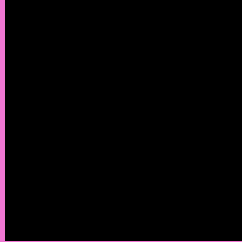
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 164.6670, 22.3492, 65.1900

## Background



This preview shows how black text looks on a background with the YUV color 164.6670, 22.3492, 65.1900.



This preview shows how white text looks on a background with the YUV color 164.6670, 22.3492, 65.1900.



# 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

164.6670, 22.3492, 65.1900

### Protanopia

160.9870, 39.9394, -23.6676

### Deuteranopia

163.4180, 19.5139, -5.6286



## Tritanopia

163.7410, -10.2253, 59.8631

# Trichromacy



## Original Color

164.6670, 22.3492, 65.1900



## Protanomaly

162.1760, 33.4372, 8.6156



## Deuteranomaly

163.9250, 20.7430, 20.2368



## Tritanomaly

164.4390, 1.2626, 61.8820

# Monochromacy



## Original Color

164.6670, 22.3492, 65.1900



## Achromatopsia

165.0000, 0.0000, 0.0000



## Achromatomaly

164.9180, 7.9284, 23.7509

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.6670, 22.3492, 65.1900 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(239, 118, 210)` looks like.

```
.text, #text, p{  
    color:rgb(239, 118, 210)  
}
```

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(239, 118, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 118, 210) }
```

## Border

The CSS property to change the border of an element to YUV 164.6670, 22.3492, 65.1900 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(239, 118, 210) }
```



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

```
.border{ border-color:rgb(239, 118, 210) }
```

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

Here you see how a box with a 4 pixel rgb(239, 118, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 118, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 118, 210);  
box-shadow:4px 4px 4px 4px rgb(239, 118,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 164.6670, 22.3492, 65.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 118, 210) }
```

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

```
.background{ background-color: rgb(239,  
118, 210) }
```

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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