

# Converting Colors

YUV(79.3220, -4.5957, 74.2626)

Have a look what the booklet for  
YUV(79.3220, -4.5957, 74.2626)  
contains.

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# Color

**YUV(79.3220, -4.5957,  
74.2626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A42646
RGB	164, 38, 70
RGB Percent	64%, 15%, 27%
CMY	0.3569, 0.8510, 0.7255
CMYK	0.00, 0.77, 0.57, 0.36
HSL	345°, 62%, 40%
HSV	345°, 77%, 64%
XYZ	17.1084, 9.7209, 6.7690
YIQ	79.3220, 64.8240, 36.6640

# Conversions

## Conversions Part 2

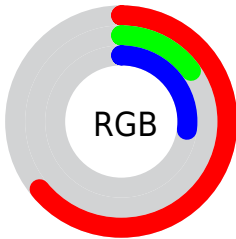
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	164, 38, 70
Decimal	10757702
CIE <sub>Lab</sub>	37.34, 52.41, 12.73
CIE <sub>LCh</sub>	37, 53.935, 13.653
Yxy	9.7209, 0.5092, 0.2893
Android (android.graphics.Color)	4288947782 (0xFFA42646)
YUV	79.3220, -4.5957, 74.2626
Hunter-Lab	31.1784, 43.3856, 8.9528

# Details

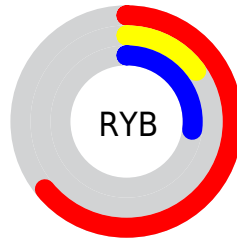
The YUV color **79.3220, -4.5957, 74.2626** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **122.6780, 4.5957, -74.2626**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1930, -8.9691, 77.0067**, and **34.7720, -3.8316, 62.4670** is the 20% darker color. If you saturate the color by 10%, you get **68.5620, -5.2071, 83.6991**, and if you desaturate by 10%, it is **90.0820, -3.9844, 64.8261**.

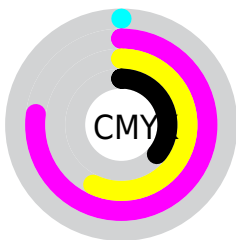
# Distribution



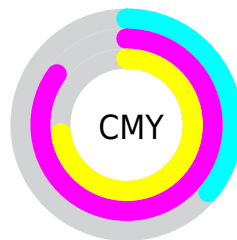
- Red (64%)
- Green (15%)
- Blue (27%)



- Red (64%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (57%)
- Black (36%)




- Cyan (36%)
- Magenta (85%)
- Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 79.3220, -4.5957, 74.2626 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 79.3220, -4.5957, 74.2626 by changing the saturation by 10% instead.





 79.3220, -4.5957,  
74.2626


 79.3220, -4.5957,  
74.2626


255.0000, 0.0000,  
0.0000


 45.8370, 1.0664,  
78.1960


 136.1930, -8.9691,  
77.0067


 34.7720, -3.8316,  
62.4670

 164.2750, -9.9956,  
79.5658


 23.3220, -11.4977,  
47.9526

 183.6750, -6.7418,  
62.5520

 15.4770, -6.6442,  
31.1537

 203.1890, -3.0512,  
45.4382

 0.0000, 0.0000,  
0.0000

 222.8170, 1.0762,  
28.2245

 243.1460, 5.3510,

10.3960

■ 79.3220, -4.5957,  
74.2626

■ 79.3220, -4.5957,  
74.2626

■ 68.5620, -5.2071,  
83.6991

■ 90.0820, -3.9844,  
64.8261

■ 57.2150, -5.5290,  
93.6504

■ 101.4290, -3.6625,  
54.8748

■ 53.8240, -5.8292,  
96.6244

■ 112.3030, -2.6144,  
45.3383

■ 123.6500, -2.2925,  
35.3869

■ 134.4100, -1.6811,  
25.9504

■ 145.1700, -1.0698,  
16.5139

■ 156.6310, -0.3111,  
6.4626

■ 167.3910, 0.3002,  
-2.9739

■ 178.7380, 0.6222,  
-12.9252

# Harmonies

## Analogous

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



84.4570, 14.0717, 60.1122



79.3220, -4.5957, 74.2626



81.9250, -26.0920, 62.3328

# Triad

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



79.3220, -4.5957, 74.2626



71.3480, -28.2726, -31.8772



78.3080, 46.1902, -68.6761

# Complementary

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



79.3220, -4.5957, 74.2626



122.6780, 4.5957, -74.2626

# 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.



78.9800, 33.5339, -69.2655



79.3220, -4.5957, 74.2626



69.2900, -3.5940, -60.7673

# Square

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



79.3220, -4.5957, 74.2626



80.6150, -39.7432, 7.3536



75.0070, 15.7725, -65.7811



70.2040, 50.6784, -61.5689



# Rectangle

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



79.3220, -4.5957, 74.2626



82.3410, -40.5941, 47.0589



75.0070, 15.7725, -65.7811



78.7980, 42.9906, -69.1058

# Sweetspot

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



79.3220, -4.5957, 74.2626



181.0190, -1.9814, 28.9243



79.8720, 41.4751, 43.9623



86.8820, -0.9278, 17.6435



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3220, -4.5957, 74.2626



81.6030, -7.1993, 116.1122



92.6970, -26.9656, 62.5327



76.0330, -0.0163, 5.2331



47.5730, -5.2125, 85.4435



5.9520, -0.4693, 10.5661



# Inverse Universe

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



79.3220, -4.5957, 74.2626



81.6030, -7.1993, 116.1122



109.3030, 26.9656, -62.5327



76.0330, -0.0163, 5.2331



47.5730, -5.2125, 85.4435



5.9520, -0.4693, 10.5661



# Previews

## White Background



This preview shows how the YUV color 79.3220, -4.5957, 74.2626 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 79.3220, -4.5957, 74.2626 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

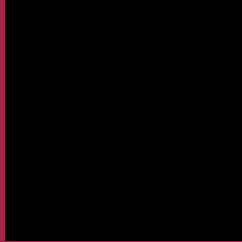
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 79.3220, -4.5957, 74.2626**

## **Background**



This preview shows how black text looks on a background with the YUV color 79.3220, -4.5957, 74.2626.



This preview shows how white text looks on a background with the YUV color 79.3220, -4.5957,



# 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

79.3220, -4.5957, 74.2626

### Protanopia

89.5700, 2.1840, -0.4999

### Deuteranopia

88.8850, -12.2683, 15.0099



## Tritanopia

79.6950, -17.1046, 73.0585

# Trichromacy



## Original Color

79.3220, -4.5957, 74.2626

## Protanomaly

85.4640, -0.2288, 26.7801

## Deuteranomaly

85.4130, -9.5706, 36.4718

## Tritanomaly

79.5470, -12.5947, 73.1883

# Monochromacy



## Original Color

79.3220, -4.5957, 74.2626

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

79.1220, -1.5391, 27.0800

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.3220, -4.5957, 74.2626 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(164, 38, 70)` looks like.

```
.text, #text, p{  
    color:rgb(164, 38, 70)  
}
```

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(164, 38, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 38, 70) }
```

## Border

The CSS property to change the border of an element to YUV 79.3220, -4.5957, 74.2626 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(164, 38, 70) }
```



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

```
.border{ border-color:rgb(164, 38, 70) }
```

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

Here you see how a box with a 4 pixel rgb(164, 38, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 38, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 38, 70);  
box-shadow:4px 4px 4px 4px rgb(164, 38,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 79.3220, -4.5957, 74.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 38, 70) }
```

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

```
.background{ background-color: rgb(164, 38,  
70) }
```

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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