

Converting Colors

YUV(161.5440, 38.6788, 7.4159)

Have a look what the booklet for
YUV(161.5440, 38.6788, 7.4159)
contains.

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Color

**YUV(161.5440, 38.6788,
7.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8EF0
RGB	170, 142, 240
RGB Percent	67%, 56%, 94%
CMY	0.3333, 0.4431, 0.0588
CMYK	0.29, 0.41, 0.00, 0.06
HSL	257°, 77%, 75%
HSV	257°, 41%, 94%
XYZ	41.9787, 34.1833, 86.8236
YIQ	161.5440, -14.7700, 36.4140

Conversions

Conversions Part 2

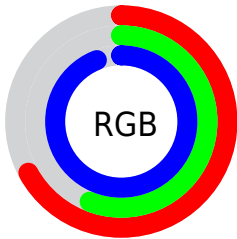
Format	Color
R _Y B	170, 142, 240
Decimal	11177712
CIE Lab	65.11, 31.17, -45.62
CIE LCh	65, 55.253, 304.343
Yxy	34.1833, 0.2576, 0.2097
Android (android.graphics.Color)	4289367792 (0xFFAA8EF0)
YUV	161.5440, 38.6788, 7.4159
Hunter-Lab	58.4665, 25.8460, -47.1199

Details

The YUV color **161.5440, 38.6788, 7.4159** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **220.4560, -38.6788, -7.4159**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9950, 21.2015, 13.1594**, and **108.6640, 36.6476, 5.5567** is the 20% darker color. If you saturate the color by 10%, you get **142.3730, 48.1301, 9.3199**, and if you desaturate by 10%, it is **180.7150, 29.2275, 5.5119**.

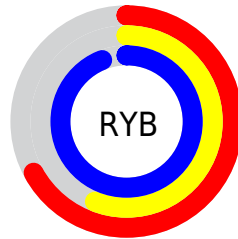
Distribution



Red (67%)

Green (56%)

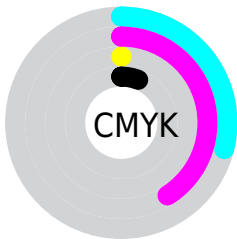
Blue (94%)



Red (67%)

Yellow (56%)

Blue (94%)

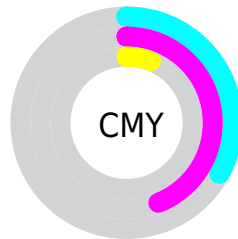


Cyan (29%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (33%)


Magenta (44%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.5440, 38.6788, 7.4159 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 161.5440, 38.6788, 7.4159 by changing the saturation by 10% instead.

 161.5440, 38.6788,
7.4159

 161.5440, 38.6788,
7.4159


255.0000, 0.0000,
0.0000


 134.6040, 37.6632,
6.4863


 211.9950, 21.2015,
13.1594


 108.6640, 36.6476,
5.5567


 236.8030, 8.9711,
15.9588

 83.4250, 35.7795,
4.0123

 253.8260, 0.5788,
1.0296

 59.4740, 34.7693,
1.3383

 35.2240, 33.9066,
-1.9504

 9.5930, 34.2177,
-8.4131

 6.3840, 24.4607,

-5.5988

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 161.5440, 38.6788,
7.4159

■ 161.5440, 38.6788,
7.4159

■ 142.3730, 48.1301,
9.3199

■ 180.7150, 29.2275,
5.5119

■ 123.2020, 57.5814,
11.2238

■ 199.8860, 19.7762,
3.6080

■ 104.0310, 67.0327,
13.1278

■ 219.0570, 10.3249,
1.7040

■ 84.5610, 76.6314,
14.4170

■ 238.5270, 0.7262,
0.4148

■ 65.3900, 86.0827,
16.3210

■ 253.2900, -6.5520,
1.4997

■ 47.9910, 94.6604,
18.4249

Harmonies

Analogous

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



144.8060, 54.3256, -64.7279



161.5440, 38.6788, 7.4159



162.2050, 19.6189, 54.1942

Triad

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



161.5440, 38.6788, 7.4159



155.4130, -43.0946, 55.7658



125.5300, 18.9657, -110.0898

Complementary

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



161.5440, 38.6788, 7.4159



220.4560, -38.6788, -7.4159

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.



133.2040, -9.9606, -72.0929



161.5440, 38.6788, 7.4159



152.3090, -48.9593, 23.4080

Square

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



161.5440, 38.6788, 7.4159



156.5400, -25.4092, 76.7024



146.5580, -36.7571, -17.1524



130.4150, 40.2214, -114.3740

Rectangle

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



161.5440, 38.6788, 7.4159



159.5420, 5.1558, 73.1927



146.5580, -36.7571, -17.1524



123.5920, 11.5401, -108.3902

Sweetspot

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



161.5440, 38.6788, 7.4159



230.2250, 12.2141, 2.4337



194.2620, 22.5488, -45.8338



113.5470, 7.1253, 1.2743



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.



161.5440, 38.6788, 7.4159



155.0140, 49.2931, 9.6347



176.1950, 31.4559, 37.5400



110.2650, 4.7994, 0.6446



36.5240, 72.7057, 13.5725



11.1680, 22.1022, 4.2377

Inverse Universe

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



179.2820, 16.1300, 53.2497



177.5210, 20.4491, 67.9491



205.8050, -31.4559, -37.5400



112.5000, 1.7255, 6.5775



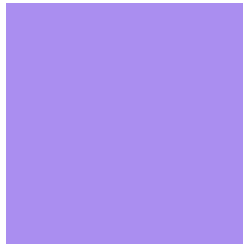
69.9500, 30.0976, 100.0219



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 161.5440, 38.6788, 7.4159 looks on a white background.

Color Contrast Check

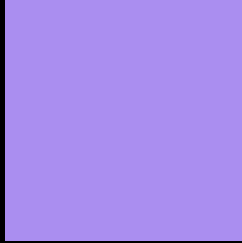
Large Text (above 18pt) WCAG AA × Fail

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 161.5440, 38.6788, 7.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

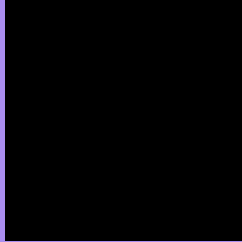
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.5440, 38.6788, 7.4159

Background



This preview shows how black text looks on a background with the YUV color 161.5440, 38.6788, 7.4159.



This preview shows how white text looks on a background with the YUV color 161.5440, 38.6788,

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

161.5440, 38.6788, 7.4159

Protanopia

155.7780, 46.9444, -30.5003

Deuteranopia

155.6550, 40.1031, -29.5154



Tritanopia

158.1830, 5.8258, -1.9145

Trichromacy



Original Color

161.5440, 38.6788, 7.4159

Protanomaly

157.7690, 43.9909, -16.4604

Deuteranomaly

157.9170, 39.4809, -16.5902

Tritanomaly

159.5930, 17.4557, 1.2339

Monochromacy



Original Color

161.5440, 38.6788, 7.4159

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.9800, 13.8139, 2.6485

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.5440, 38.6788, 7.4159 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(170, 142, 240)` looks like.

```
.text, #text, p{  
    color:rgb(170, 142, 240)  
}
```

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(170, 142, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 142, 240) }
```

Border

The CSS property to change the border of an element to YUV 161.5440, 38.6788, 7.4159 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(170, 142, 240) }
```


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

```
.border{ border-color:rgb(170, 142, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 142, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 142, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 142, 240); box-shadow:4px 4px 4px 4px rgb(170, 142, 240) }
```

Background

The CSS property to change the background color of an element to YUV 161.5440, 38.6788, 7.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 142, 240) }
```

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

```
.background{ background-color: rgb(170,  
142, 240) }
```

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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