

Converting Colors

YUV(161.7450, 40.5517,
13.3786)

Have a look what the booklet for
YUV(161.7450, 40.5517, 13.3786)
contains.

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Color

**YUV(161.7450, 40.5517,
13.3786)**

Conversions

Conversions Part 1

Format	Color
Hex	B18AF4
RGB	177, 138, 244
RGB Percent	69%, 54%, 96%
CMY	0.3059, 0.4588, 0.0431
CMYK	0.27, 0.43, 0.00, 0.04
HSL	262°, 83%, 75%
HSV	262°, 43%, 96%
XYZ	43.5491, 34.0557, 89.8661
YIQ	161.7450, -10.7820, 41.2340

Conversions

Conversions Part 2

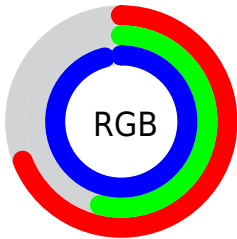
Format	Color
R_{YB}	177, 138, 244
Decimal	11635444
CIE _{Lab}	65.01, 36.30, -47.94
CIE _{LCh}	65, 60.128, 307.132
Yxy	34.0557, 0.2600, 0.2034
Android (android.graphics.Color)	4289825524 (0xFFB18AF4)
YUV	161.7450, 40.5517, 13.3786
Hunter-Lab	58.3573, 31.0802, -50.4523

Details

The YUV color **161.7450, 40.5517, 13.3786** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220.2550, -40.5517, -13.3786**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0390, 21.1798, 20.1368**, and **108.8650, 38.5206, 11.5194** is the 20% darker color. If you saturate the color by 10%, you get **143.1720, 49.7082, 16.5122**, and if you desaturate by 10%, it is **180.3180, 31.3952, 10.2451**.

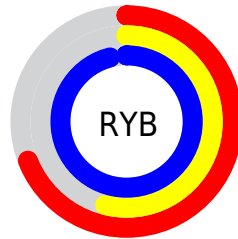
Distribution



Red (69%)

Green (54%)

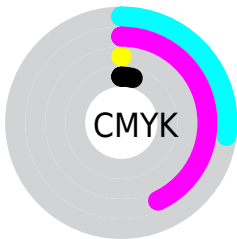
Blue (96%)



Red (69%)

Yellow (54%)

Blue (96%)

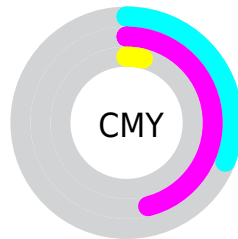


Cyan (27%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (46%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.7450, 40.5517, 13.3786 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 161.7450, 40.5517, 13.3786 by changing the saturation by 10% instead.

161.7450, 40.5517,
13.3786

161.7450, 40.5517,
13.3786

255.0000, 0.0000,
0.0000

134.8050, 39.5361,
12.4490

212.0390, 21.1798,
20.1368

108.8650, 38.5206,
11.5194

234.4550, 10.1287,
18.0180

83.6260, 37.6524,
9.9750

251.4780, 1.7363,
3.0888

58.9740, 36.4948,
7.9158

34.1370, 35.9215,
5.1419

10.6580, 35.6646,
-5.8391

6.7260, 25.7711,

-5.8987

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 161.7450, 40.5517,
13.3786

■ 161.7450, 40.5517,
13.3786

■ 143.1720, 49.7082,
16.5122

■ 180.3180, 31.3952,
10.2451

■ 123.7130, 59.3015,
19.5457

■ 199.7770, 21.8019,
7.2116

■ 105.1400, 68.4580,
22.6792

■ 218.3500, 12.6455,
4.0781

■ 85.6810, 78.0513,
25.7128

■ 237.8090, 3.0522,
1.0445

■ 67.1080, 87.2078,
28.8463

■ 253.4470, -4.6574,
0.4850

■ 54.7260, 93.3121,
30.9353

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



143.0230, 55.2047, -66.6722



161.7450, 40.5517, 13.3786



160.6730, 19.8812, 63.4308

Triad

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



161.7450, 40.5517, 13.3786



153.9310, -48.7730, 57.0655



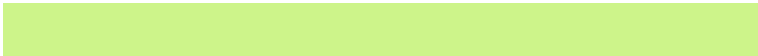
127.2740, 20.5709, -111.6193

Complementary

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



161.7450, 40.5517, 13.3786



220.2550, -40.5517, -13.3786

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.



119.2430, -2.5848, -104.5761



161.7450, 40.5517, 13.3786



149.9190, -54.1901, 21.1190

Square

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



161.7450, 40.5517, 13.3786



155.2480, -29.2093, 82.2205



144.0580, -38.4826, -23.7299



132.0280, 43.8632, -115.7886

Rectangle

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



161.7450, 40.5517, 13.3786



157.2550, 3.8183, 82.2144



144.0580, -38.4826, -23.7299



124.6350, 12.9979, -109.3049

Sweetspot

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



161.7450, 40.5517, 13.3786



229.3500, 12.6455, 4.0781



189.4130, 26.9114, -45.0892



111.7860, 7.9935, 2.8187



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.



161.7450, 40.5517, 13.3786



151.8130, 50.8712, 16.8270



177.5920, 32.7391, 45.9618



112.8630, 4.5045, 1.8741



41.5360, 71.2208, 23.2089



13.3040, 22.5281, 7.6264

Inverse Universe

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



177.3320, 13.6403, 58.4678



171.3430, 17.0859, 73.3672



204.4080, -32.7391, -45.9618



114.5000, 1.7255, 6.5775



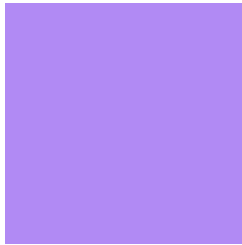
69.0660, 24.1245, 102.5511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 161.7450, 40.5517, 13.3786 looks on a white background.

Color Contrast Check

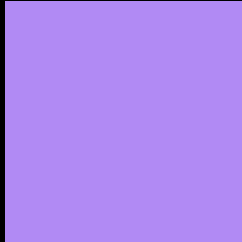
Large Text (above 18pt) WCAG AA × Fail

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 161.7450, 40.5517, 13.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

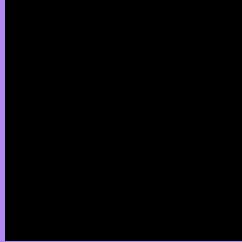
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.7450, 40.5517, 13.3786

Background



This preview shows how black text looks on a background with the YUV color 161.7450, 40.5517, 13.3786.



This preview shows how white text looks on a background with the YUV color 161.7450, 40.5517,

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

161.7450, 40.5517, 13.3786

Protanopia

155.3370, 49.1339, -32.7445

Deuteranopia

154.8010, 42.0031, -32.2745



Tritanopia

158.7600, 4.0623, 3.7185

Trichromacy



Original Color

161.7450, 40.5517, 13.3786



Protanomaly

157.6380, 46.0275, -16.3455



Deuteranomaly

157.0850, 41.3701, -15.8605



Tritanomaly

159.9250, 17.2920, 7.0818

Monochromacy



Original Color

161.7450, 40.5517, 13.3786



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

161.6320, 14.9714, 4.7077

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.7450, 40.5517, 13.3786 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(177, 138, 244)` looks like.

```
.text, #text, p{  
    color:rgb(177, 138, 244)  
}
```

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(177, 138, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 138, 244) }
```

Border

The CSS property to change the border of an element to YUV 161.7450, 40.5517, 13.3786 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(177, 138, 244) }
```


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

```
.border{ border-color:rgb(177, 138, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 138, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 138, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 138, 244);  
box-shadow:4px 4px 4px 4px rgb(177, 138,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 161.7450, 40.5517, 13.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 138, 244) }
```

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

```
.background{ background-color: rgb(177,  
138, 244) }
```

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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