

Converting Colors

YUV(137.4770, 30.3308,
25.0147)

Have a look what the booklet for
YUV(137.4770, 30.3308, 25.0147)
contains.

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Color

**YUV(137.4770, 30.3308,
25.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	A66FC7
RGB	166, 111, 199
RGB Percent	65%, 44%, 78%
CMY	0.3490, 0.5647, 0.2196
CMYK	0.17, 0.44, 0.00, 0.22
HSL	278°, 44%, 61%
HSV	278°, 44%, 78%
XYZ	31.7191, 23.5994, 56.9162
YIQ	137.4770, 4.5320, 39.0280

Conversions

Conversions Part 2

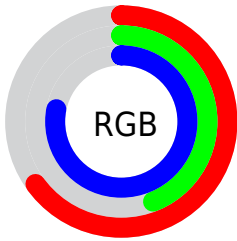
Format	Color
R_{YB}	166, 111, 199
Decimal	10907591
CIE _{Lab}	55.68, 37.83, -37.52
CIE _{LCh}	56, 53.278, 315.239
Yxy	23.5994, 0.2826, 0.2103
Android (android.graphics.Color)	4289097671 (0xFFA66FC7)
YUV	137.4770, 30.3308, 25.0147
Hunter-Lab	48.5792, 31.5355, -35.4597

Details

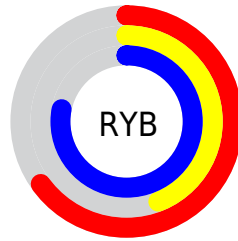
The YUV color **137.4770, 30.3308, 25.0147** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **172.5230, -30.3308, -25.0147**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7160, 31.1990, 26.5591**, and **85.8250, 29.1733, 22.9555** is the 20% darker color. If you saturate the color by 10%, you get **123.6440, 37.1505, 31.0072**, and if you desaturate by 10%, it is **151.3100, 23.5112, 19.0221**.

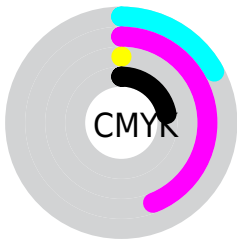
Distribution



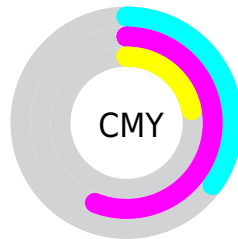
- Red (65%)
- Green (44%)
- Blue (78%)



- Red (65%)
- Yellow (44%)
- Blue (78%)



- Cyan (17%)
- Magenta (44%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4770, 30.3308, 25.0147 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 137.4770, 30.3308, 25.0147 by changing the saturation by 10% instead.

137.4770, 30.3308,
25.0147

137.4770, 30.3308,
25.0147

255.0000, 0.0000,
0.0000

111.5370, 29.3153,
24.0851

191.7160, 31.1990,
26.5591

85.8250, 29.1733,
22.9555

216.5350, 18.9632,
31.1028

60.9990, 28.5945,
21.9259

233.8680, 10.4181,
18.5328

35.8850, 28.1577,
22.0259

250.8910, 2.0257,
3.6036

18.6300, 24.8324,
15.2335

7.3370, 19.0609,
-0.2955

3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 137.4770, 30.3308,
25.0147

■ 137.4770, 30.3308,
25.0147

■ 123.6440, 37.1505,
31.0072

■ 151.3100, 23.5112,
19.0221

■ 109.5120, 44.1176,
36.3850

■ 165.4420, 16.5441,
13.6444

■ 95.6790, 50.9373,
42.3775

■ 179.2750, 9.7244,
7.6518

■ 81.5470, 57.9043,
47.7553

■ 193.4070, 2.7573,
2.2741

■ 68.3010, 64.4346,
53.2330

■ 207.2400, -4.0623,
-3.7185

■ 59.7620, 68.6443,
56.3367

■ 220.7850,
-10.7400, -8.5814

■ 234.6180,
-17.5597, -14.5740

■ 239.9450,
-20.1859, -12.2298

■ 242.0380,
-21.2177, -7.9263

Harmonies

Analogous

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



128.9410, 46.3711, -33.2743



137.4770, 30.3308, 25.0147



134.7840, 11.4455, 62.4564

Triad

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



137.4770, 30.3308, 25.0147



129.5700, -44.6510, 41.5961



109.3560, 22.9955, -95.9052

Complementary

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



137.4770, 30.3308, 25.0147



172.5230, -30.3308, -25.0147

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.



102.7100, 2.6080, -90.0767



137.4770, 30.3308, 25.0147



125.3610, -44.5480, 8.4534

Square

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



137.4770, 30.3308, 25.0147



130.5080, -30.3234, 66.2065



119.2770, -27.2516, -32.6919



112.3830, 42.2092, -98.5599

Rectangle

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



137.4770, 30.3308, 25.0147



132.1910, -2.5592, 74.3775



119.2770, -27.2516, -32.6919



107.5320, 16.0067, -94.3056

Sweetspot

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



137.4770, 30.3308, 25.0147



232.0410, 11.3188, 9.6110



140.9900, 28.5989, -26.3012



113.2810, 7.2565, 5.8926



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.



137.4770, 30.3308, 25.0147



160.5060, 46.5855, 38.1442



146.2040, 21.0984, 46.3021



92.8200, 3.0467, 2.7889



49.0800, 56.1626, 46.4108



10.6820, 12.4818, 9.9259

Inverse Universe

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



141.0740, 1.4425, 50.8011



166.1790, 2.3768, 77.8960



163.7960, -21.0984, -46.3021



93.0330, -0.0163, 5.2331



55.6910, 2.6173, 94.1100



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 137.4770, 30.3308, 25.0147 looks on a white background.

Color Contrast Check

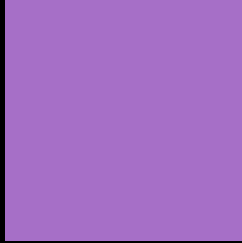
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4770, 30.3308, 25.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

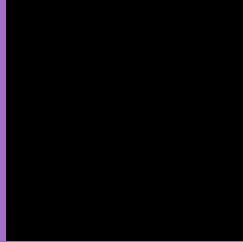
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.4770, 30.3308, 25.0147

Background



This preview shows how black text looks on a background with the YUV color 137.4770, 30.3308, 25.0147.



This preview shows how white text looks on a background with the YUV color 137.4770, 30.3308,

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

137.4770, 30.3308, 25.0147

Protanopia

131.4210, 41.6974, -27.5562

Deuteranopia

132.8920, 30.6192, -20.9533



Tritanopia

135.4090, -0.2016, 18.0583

Trichromacy



Original Color

137.4770, 30.3308, 25.0147

Protanomaly

133.8040, 37.5646, -8.5981

Deuteranomaly

134.5890, 30.2756, -4.0246

Tritanomaly

136.2920, 10.7020, 20.7919

Monochromacy



Original Color

137.4770, 30.3308, 25.0147

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.6280, 11.0294, 9.0962

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4770, 30.3308, 25.0147 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(166, 111, 199)` looks like.

```
.text, #text, p{  
    color:rgb(166, 111, 199)  
}
```

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(166, 111, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 111, 199) }
```

Border

The CSS property to change the border of an element to YUV 137.4770, 30.3308, 25.0147 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(166, 111, 199) }
```


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

```
.border{ border-color:rgb(166, 111, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 111, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 111, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 111, 199);  
box-shadow:4px 4px 4px 4px rgb(166, 111,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 137.4770, 30.3308, 25.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 111, 199) }
```

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

```
.background{ background-color: rgb(166,  
111, 199) }
```

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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