

Converting Colors

YUV(142.7540, 50.4073,
25.6487)

Have a look what the booklet for
YUV(142.7540, 50.4073, 25.6487)
contains.

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Color

**YUV(142.7540, 50.4073,
25.6487)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6CF5
RGB	172, 108, 245
RGB Percent	67%, 42%, 96%
CMY	0.3255, 0.5765, 0.0392
CMYK	0.30, 0.56, 0.00, 0.04
HSL	268°, 87%, 69%
HSV	268°, 56%, 96%
XYZ	38.8573, 26.0884, 89.3738
YIQ	142.7540, -5.8330, 56.1750

Conversions

Conversions Part 2

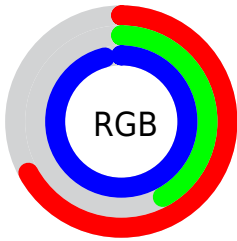
Format	Color
R _Y B	172, 108, 245
Decimal	11300085
CIE Lab	58.12, 51.61, -59.47
CIE LCh	58, 78.736, 310.952
Yxy	26.0884, 0.2518, 0.1691
Android (android.graphics.Color)	4289490165 (0xFFAC6CF5)
YUV	142.7540, 50.4073, 25.6487
Hunter-Lab	51.0768, 46.4117, -67.9915

Details

The YUV color **142.7540, 50.4073, 25.6487** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **210.2460, -50.4073, -25.6487**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2330, 30.4511, 33.1217**, and **89.2760, 48.6709, 22.5599** is the 20% darker color. If you saturate the color by 10%, you get **124.7790, 59.2690, 30.0118**, and if you desaturate by 10%, it is **160.7290, 41.5456, 21.2857**.

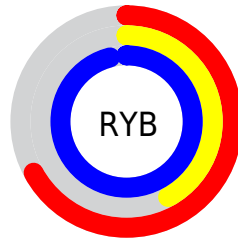
Distribution



Red (67%)

Green (42%)

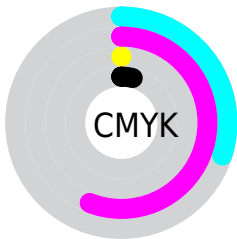
Blue (96%)



Red (67%)

Yellow (42%)

Blue (96%)

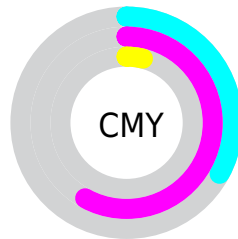


Cyan (30%)

Magenta (56%)

Yellow (0%)

Black (4%)



Cyan (33%)


Magenta (58%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.7540, 50.4073, 25.6487 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 142.7540, 50.4073, 25.6487 by changing the saturation by 10% instead.


 142.7540, 50.4073,
25.6487


 142.7540, 50.4073,
25.6487


255.0000, 0.0000,
0.0000


 115.5150, 49.5391,
24.1043


 193.2330, 30.4511,
33.1217

 89.2760, 48.6709,
22.5599


 216.2580, 19.0998,
33.9767


 61.8630, 48.3815,
22.0451

 233.2810, 10.7075,
19.0476

 32.5040, 49.5445,
22.3600

 250.3040, 2.3151,
4.1184

 19.3740, 43.1996,
4.0570

 9.3480, 35.8174,
-8.1982

 9.5470, 23.8873,

-8.3727

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 142.7540, 50.4073,
25.6487

■ 142.7540, 50.4073,
25.6487

■ 124.7790, 59.2690,
30.0118

■ 160.7290, 41.5456,
21.2857

■ 106.2170, 68.4200,
34.8897

■ 179.2910, 32.3945,
16.4078

■ 87.6550, 77.5711,
39.7676

■ 197.8530, 23.2435,
11.5299

■ 69.6800, 86.4328,
44.1306

■ 215.8280, 14.3818,
7.1668

62.0160, 90.2111,
45.5900

234.3900, 5.2307,
2.2890

252.3650, -3.6309,
-2.0741

253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



111.2500, 70.8688, -97.5662



142.7540, 50.4073, 25.6487



133.1680, 26.0462, 92.8147

Triad

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



142.7540, 50.4073, 25.6487



131.4360, -64.7979, 63.6386



118.4860, 22.4384, -103.9122

Complementary

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



142.7540, 50.4073, 25.6487



210.2460, -50.4073, -25.6487

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.



108.5170, -8.1429, -95.1694



142.7540, 50.4073, 25.6487



128.7690, -63.4831, 15.1116

Square

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



142.7540, 50.4073, 25.6487



128.9640, -38.4363, 101.7636



113.3980, -54.4262, -43.3220



124.7220, 51.4091, -109.3812

Rectangle

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



142.7540, 50.4073, 25.6487



123.4300, 8.6620, 115.3869



113.3980, -54.4262, -43.3220



115.1630, 12.2446, -100.9980

Sweetspot

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



142.7540, 50.4073, 25.6487



222.8820, 15.8342, 7.9965



166.4690, 38.7158, -51.2773



108.5520, 9.5879, 4.7779



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.



142.7540, 50.4073, 25.6487



127.4140, 62.8999, 32.0859



163.0860, 40.3836, 67.4536



113.1620, 4.3571, 2.4889



47.2170, 68.4200, 34.8897



14.7990, 21.7911, 10.7003

Inverse Universe

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



157.2850, 11.6915, 76.9261



145.5030, 14.5420, 96.0289



189.9140, -40.3836, -67.4536



114.3860, 1.2887, 6.6775



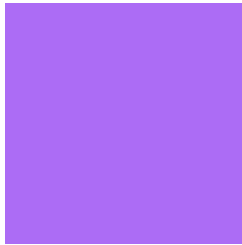
66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 142.7540, 50.4073, 25.6487 looks on a white background.

Color Contrast Check

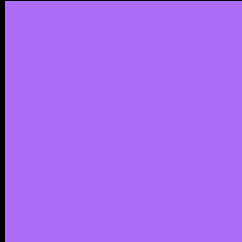
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.7540, 50.4073, 25.6487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

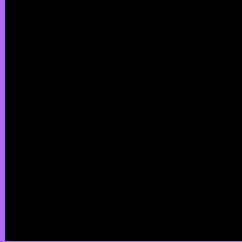
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.7540, 50.4073, 25.6487

Background



This preview shows how black text looks on a background with the YUV color 142.7540, 50.4073, 25.6487.



This preview shows how white text looks on a background with the YUV color 142.7540, 50.4073,

25.6487.

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

142.7540, 50.4073, 25.6487

Protanopia

132.5230, 60.3812, -46.9397

Deuteranopia

129.9320, 53.2775, -55.1914



Tritanopia

140.9350, 2.0040, 10.5810

Trichromacy



Original Color

142.7540, 50.4073, 25.6487



Protanomaly

136.3630, 56.5160, -20.4894



Deuteranomaly

134.5920, 52.4591, -25.9522



Tritanomaly

141.8490, 19.3014, 15.9184

Monochromacy



Original Color

142.7540, 50.4073, 25.6487



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.8760, 18.3021, 9.7557

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.7540, 50.4073, 25.6487 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(172, 108, 245)` looks like.

```
.text, #text, p{  
    color:rgb(172, 108, 245)  
}
```

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(172, 108, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 108, 245) }
```

Border

The CSS property to change the border of an element to YUV 142.7540, 50.4073, 25.6487 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(172, 108, 245) }
```


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

```
.border{ border-color:rgb(172, 108, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 108, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 108, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 108, 245); box-shadow:4px 4px 4px 4px rgb(172, 108, 245) }
```

Background

The CSS property to change the background color of an element to YUV 142.7540, 50.4073, 25.6487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 108, 245) }
```

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

```
.background{ background-color: rgb(172,  
108, 245) }
```

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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