

Converting Colors

YUV(157.5530, 41.6324,
-6.6240)

Have a look what the booklet for
YUV(157.5530, 41.6324, -6.6240)
contains.

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Color

**YUV(157.5530, 41.6324,
-6.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	9691F2
RGB	150, 145, 242
RGB Percent	59%, 57%, 95%
CMY	0.4118, 0.4314, 0.0510
CMYK	0.38, 0.40, 0.00, 0.05
HSL	243°, 79%, 76%
HSV	243°, 40%, 95%
XYZ	38.7301, 33.1456, 88.3609
YIQ	157.5530, -28.1570, 31.2270

Conversions

Conversions Part 2

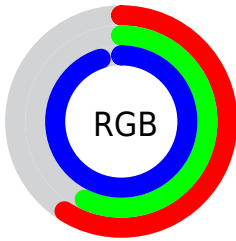
Format	Color
R _Y B	150, 145, 242
Decimal	9867762
CIE Lab	64.28, 24.66, -48.14
CIE LCh	64, 54.087, 297.122
Yxy	33.1456, 0.2417, 0.2069
Android (android.graphics.Color)	4288057842 (0xFF9691F2)
YUV	157.5530, 41.6324, -6.6240
Hunter-Lab	57.5722, 19.3294, -50.6967

Details

The YUV color **157.5530, 41.6324, -6.6240** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **229.4470, -41.6324, 6.6240**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7760, 23.2814, -0.6806**, and **104.9610, 39.4592, -9.6128** is the 20% darker color. If you saturate the color by 10%, you get **136.5880, 51.9681, -8.4087**, and if you desaturate by 10%, it is **178.5180, 31.2966, -4.8393**.

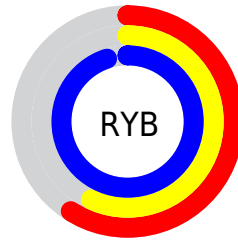
Distribution



Red (59%)

Green (57%)

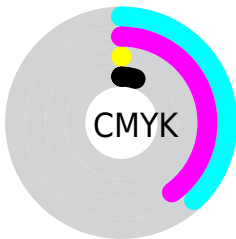
Blue (95%)



Red (59%)

Yellow (57%)

Blue (95%)

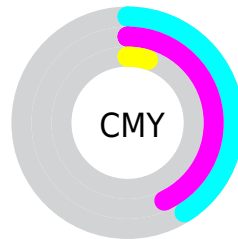


Cyan (38%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (41%)

Magenta (43%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5530, 41.6324, -6.6240 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 157.5530, 41.6324, -6.6240 by changing the saturation by 10% instead.

■ 157.5530, 41.6324,
-6.6240

■ 157.5530, 41.6324,
-6.6240

255.0000, 0.0000,
0.0000

■ 130.6130, 40.6168,
-7.5536

■ 207.7760, 23.2814,
-0.6806

■ 104.9610, 39.4592,
-9.6128

■ 232.8830, 10.9037,
2.7336

■ 79.4230, 38.7385,
-11.7720

■ 54.4610, 37.7337,
-16.1903

■ 28.5200, 38.1976,
-25.0120

■ 12.7560, 33.6443,
-11.1870

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 157.5530, 41.6324,
-6.6240

■ 157.5530, 41.6324,
-6.6240

■ 136.5880, 51.9681,
-8.4087

■ 178.5180, 31.2966,
-4.8393

■ 115.6230, 62.3039,
-10.1934

■ 199.4830, 20.9609,
-3.0546

■ 94.0710, 72.9290,
-11.4633

■ 221.0350, 10.3357,
-1.7847

■ 73.1060, 83.2647,
-13.2480

■ 242.0000, 0.0000,
0.0000

■ 52.1410, 93.6005,
-15.0327

■ 253.5180, -5.6784,
1.2997

■ 31.1760, 103.9362,
-16.8174

Harmonies

Analogous

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



128.2960, 60.9861, -101.1146



157.5530, 41.6324, -6.6240



160.2900, 24.0140, 44.4727

Triad

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



157.5530, 41.6324, -6.6240



153.8850, -38.8903, 60.6139



122.0590, 13.2819, -107.0457

Complementary

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



157.5530, 41.6324, -6.6240



229.4470, -41.6324, 6.6240

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.



136.9630, -17.7298, -53.4646



157.5530, 41.6324, -6.6240



151.2930, -47.9654, 31.3150

Square

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



157.5530, 41.6324, -6.6240



154.4460, -19.4469, 77.6619



146.4130, -40.1366, -6.5012



127.6450, 34.6850, -111.9447

Rectangle

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



157.5530, 41.6324, -6.6240



158.4640, 10.1242, 66.2451



146.4130, -40.1366, -6.5012



119.6480, 6.5825, -104.9313

Sweetspot

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



157.5530, 41.6324, -6.6240



228.1320, 13.2459, -1.8698



210.0620, 15.7454, -57.0594



112.3510, 7.7150, -1.1848



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.



157.5530, 41.6324, -6.6240



148.7020, 52.4049, -8.5087



171.9050, 34.5568, 22.8853



109.3680, 5.2416, -1.1997



23.6670, 79.0442, -12.8630



7.2810, 24.0185, -3.7544

Inverse Universe

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



184.4910, 25.8869, 50.4354



182.7020, 32.6849, 63.4053



215.0950, -34.5568, -22.8853



112.8420, 3.0359, 6.2776



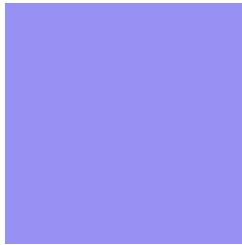
74.8520, 48.8800, 95.7228



22.7860, 14.8955, 29.1287

Previews

White Background



This preview shows how the YUV color 157.5530, 41.6324, -6.6240 looks on a white background.

Color Contrast Check

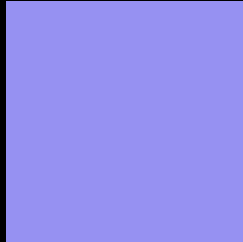
Large Text (above 18pt) WCAG AA × Fail

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 157.5530, 41.6324, -6.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

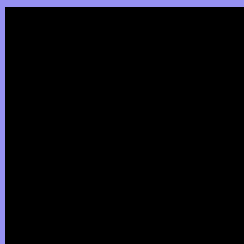
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.5530, 41.6324, -6.6240

Background



This preview shows how black text looks on a background with the YUV color 157.5530, 41.6324, -6.6240.



This preview shows how white text looks on a background with the YUV color 157.5530, 41.6324, -6.6240.

-6.6240.

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

157.5530, 41.6324, -6.6240

Protanopia

153.1910, 47.2338, -29.9855

Deuteranopia

152.1320, 43.3189, -34.3188



Tritanopia

153.7080, 9.5110, -17.2839

Trichromacy



Original Color

157.5530, 41.6324, -6.6240

Protanomaly

154.3770, 45.1701, -21.3786

Deuteranomaly

153.7850, 42.9970, -24.3674

Tritanomaly

155.4170, 20.9934, -13.5207

Monochromacy



Original Color

157.5530, 41.6324, -6.6240

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.7020, 15.4299, -2.3697

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5530, 41.6324, -6.6240 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(150, 145, 242)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 242)  
}
```

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(150, 145, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 242) }
```

Border

The CSS property to change the border of an element to YUV 157.5530, 41.6324, -6.6240 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(150, 145, 242) }
```


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

```
.border{ border-color:rgb(150, 145, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 242);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 157.5530, 41.6324, -6.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 242) }
```

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

```
.background{ background-color: rgb(150,  
145, 242) }
```

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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