

Converting Colors

YUV(145.5450, 53.9613, 5.6610)

Have a look what the booklet for
YUV(145.5450, 53.9613, 5.6610)
contains.

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Color

**YUV(145.5450, 53.9613,
5.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	9879FF
RGB	152, 121, 255
RGB Percent	60%, 47%, 100%
CMY	0.4039, 0.5255, 0.0000
CMYK	0.40, 0.53, 0.00, 0.00
HSL	254°, 100%, 74%
HSV	254°, 53%, 100%
XYZ	37.8363, 27.5701, 97.9351
YIQ	145.5450, -24.5380, 48.2460

Conversions

Conversions Part 2

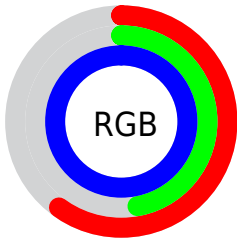
Format	Color
R_{YB}	152, 121, 255
Decimal	9992703
CIE _{Lab}	59.50, 42.39, -62.89
CIE _{LCh}	59, 75.841, 303.981
Yxy	27.5701, 0.2316, 0.1688
Android (android.graphics.Color)	4288182783 (0xFF9879FF)
YUV	145.5450, 53.9613, 5.6610
Hunter-Lab	52.5073, 36.7377, -73.8310

Details

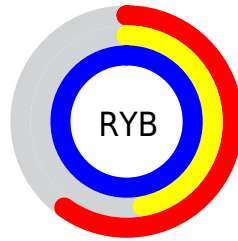
The YUV color **145.5450, 53.9613, 5.6610** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **230.4550, -53.9613, -5.6610**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2970, 29.9266, 14.6485**, and **92.2410, 51.6462, 1.5426** is the 20% darker color. If you saturate the color by 10%, you get **124.8900, 64.1442, 6.2355**, and if you desaturate by 10%, it is **166.7870, 43.4890, 4.5718**.

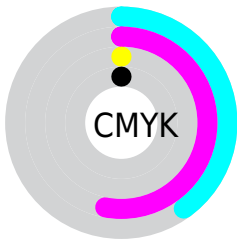
Distribution



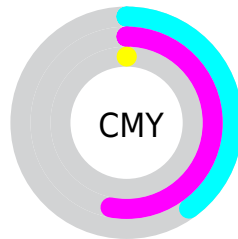
- Red (60%)
- Green (47%)
- Blue (100%)



- Red (60%)
- Yellow (47%)
- Blue (100%)



- Cyan (40%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5450, 53.9613, 5.6610 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 145.5450, 53.9613, 5.6610 by changing the saturation by 10% instead.

■ 145.5450, 53.9613,
5.6610

■ 145.5450, 53.9613,
5.6610

255.0000, 0.0000,
0.0000

■ 118.8930, 52.8038,
3.6018

■ 194.2970, 29.9266,
14.6485

■ 92.2410, 51.6462,
1.5426

■ 219.7030, 17.4014,
18.6775

■ 66.3930, 51.0783,
-2.9757

■ 240.3250, 7.2348,
12.8700

■ 38.6370, 50.9580,
-11.0826

■ 14.9850, 49.8004,
-13.1418

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 145.5450, 53.9613,
5.6610

■ 145.5450, 53.9613,
5.6610

■ 124.8900, 64.1442,
6.2355

■ 166.7870, 43.4890,
4.5718

■ 103.9470, 74.4691,
7.9395

■ 187.1430, 33.4535,
3.3826

■ 82.7050, 84.9414,
9.0287

■ 207.7980, 23.2706,
2.8082

■ 62.3490, 94.9769,
10.2179

■ 228.7410, 12.9457,
1.1041

■ 46.7110, 102.6865,
10.7775

■ 249.9830, 2.4734,
0.0149

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



116.5330, 68.2642, -102.1994



145.5450, 53.9613, 5.6610



142.0950, 30.0262, 76.2157

Triad

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



145.5450, 53.9613, 5.6610



133.5620, -65.8461, 73.1751



118.7650, 15.8919, -104.1569

Complementary

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



145.5450, 53.9613, 5.6610



230.4550, -53.9613, -5.6610

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.



108.4370, -13.5264, -95.0992



145.5450, 53.9613, 5.6610



133.2760, -65.7051, 27.8219

Square

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



145.5450, 53.9613, 5.6610



132.9780, -29.5692, 104.3823



122.3250, -60.3062, -23.9640



125.7020, 45.0099, -110.2407

Rectangle

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



145.5450, 53.9613, 5.6610



133.8030, 12.9151, 104.5358



122.3250, -60.3062, -23.9640



115.4420, 5.6981, -101.2426

Sweetspot

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



145.5450, 53.9613, 5.6610



221.6640, 16.4346, 2.0487



197.9110, 28.1449, -67.4509



107.6440, 10.0355, 1.1892



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.



145.5450, 53.9613, 5.6610



123.7160, 64.7230, 7.2651



164.9800, 44.3799, 45.6215



117.3790, 5.2362, 0.5446



34.9300, 76.9425, 7.9544



11.7810, 25.7440, 2.8231

Inverse Universe

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



172.8080, 25.2377, 72.0824



156.2750, 30.4304, 86.5818



211.0200, -44.3799, -45.6215



120.0270, 2.4517, 6.9923



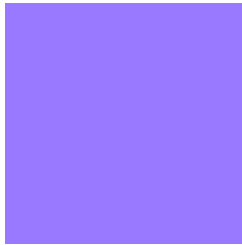
73.8670, 36.0546, 102.7256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 145.5450, 53.9613, 5.6610 looks on a white background.

Color Contrast Check

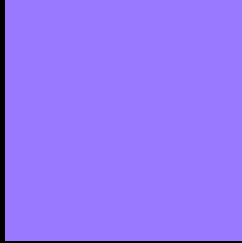
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.5450, 53.9613, 5.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

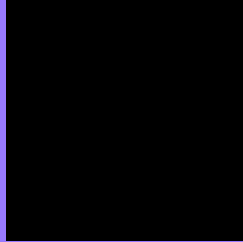
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.5450, 53.9613, 5.6610

Background



This preview shows how black text looks on a background with the YUV color 145.5450, 53.9613, 5.6610.



This preview shows how white text looks on a background with the YUV color 145.5450, 53.9613, 5.6610.

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

145.5450, 53.9613, 5.6610

Protanopia

136.9750, 58.1863, -42.9511

Deuteranopia

130.0600, 59.1304, -65.8276



Tritanopia

141.5840, 7.6001, -11.0362

Trichromacy



Original Color

145.5450, 53.9613, 5.6610

Protanomaly

139.7430, 56.8217, -25.2076

Deuteranomaly

135.4700, 57.4493, -39.8772

Tritanomaly

142.7970, 24.7501, -5.0840

Monochromacy



Original Color

145.5450, 53.9613, 5.6610

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8750, 19.7816, 1.8636

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5450, 53.9613, 5.6610 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(152, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 121, 255)  
}
```

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(152, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 121, 255) }
```

Border

The CSS property to change the border of an element to YUV 145.5450, 53.9613, 5.6610 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(152, 121, 255) }
```


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

```
.border{ border-color:rgb(152, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 121,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 145.5450, 53.9613, 5.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 121, 255) }
```

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

```
.background{ background-color: rgb(152,  
121, 255) }
```

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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