

Converting Colors

YUV(153.5720, 49.5110,
-13.6566)

Have a look what the booklet for
YUV(153.5720, 49.5110, -13.6566)
contains.

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Color

**YUV(153.5720, 49.5110,
-13.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8EFE
RGB	138, 142, 254
RGB Percent	54%, 56%, 100%
CMY	0.4588, 0.4431, 0.0039
CMYK	0.46, 0.44, 0.00, 0.00
HSL	238°, 98%, 77%
HSV	238°, 46%, 100%
XYZ	38.0436, 31.9050, 97.9191
YIQ	153.5720, -38.3360, 33.9840

Conversions

Conversions Part 2

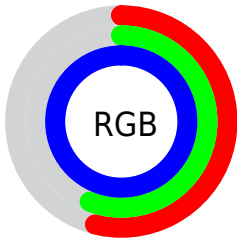
Format	Color
R _Y B	138, 142, 254
Decimal	9080574
CIE Lab	63.26, 26.83, -56.39
CIE LCh	63, 62.442, 295.444
Yxy	31.9050, 0.2266, 0.1901
Android (android.graphics.Color)	4287270654 (0xFF8A8EFE)
YUV	153.5720, 49.5110, -13.6566
Hunter-Lab	56.4845, 21.3759, -63.2433

Details

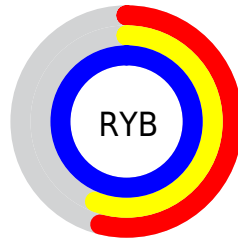
The YUV color **153.5720, 49.5110, -13.6566** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **238.4280, -49.5110, 13.6566**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7260, 25.7711, -5.8987**, and **100.0830, 47.7801, -18.4898** is the 20% darker color. If you saturate the color by 10%, you get **131.4220, 60.4310, -16.1561**, and if you desaturate by 10%, it is **175.7220, 38.5911, -11.1572**.

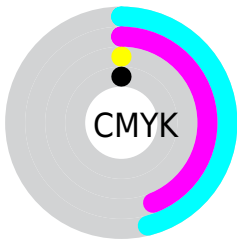
Distribution



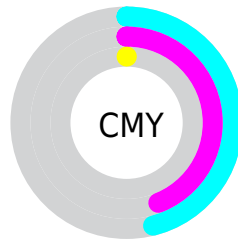
- Red (54%)
- Green (56%)
- Blue (100%)



- Red (54%)
- Yellow (56%)
- Blue (100%)



- Cyan (46%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5720, 49.5110, -13.6566 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 153.5720, 49.5110, -13.6566 by changing the saturation by 10% instead.

■ 153.5720, 49.5110,
-13.6566

■ 153.5720, 49.5110,
-13.6566

255.0000, 0.0000,
0.0000

■ 126.3330, 48.6428,
-15.2010

■ 202.7260, 25.7711,
-5.8987

■ 100.0830, 47.7801,
-18.4898

■ 228.1320, 13.2459,
-1.8698

■ 73.5230, 47.0702,
-24.1377

■ 253.2390, 0.8682,
1.5444

■ 43.7770, 48.4239,
-38.3924

■ 28.4860, 43.1444,
-24.9822

■ 12.6080, 38.1543,
-11.0572

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 153.5720, 49.5110,
-13.6566

■ 153.5720, 49.5110,
-13.6566

■ 131.4220, 60.4310,
-16.1561

■ 175.7220, 38.5911,
-11.1572

■ 109.5600, 71.2089,
-19.7851

■ 197.5840, 27.8131,
-7.5282

■ 87.4100, 82.1289,
-22.2846

■ 219.7340, 16.8931,
-5.0287

■ 65.5480, 92.9068,
-25.9136

■ 241.5960, 6.1152,
-1.3997

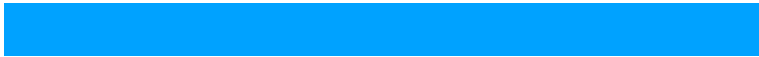
■ 43.3980, 103.8268, 254.8860, -0.4368,
-28.4130 0.1000

■ 34.2390, 108.3422,
-30.0276

Harmonies

Analogous

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



124.1640, 64.5021, -108.8918



153.5720, 49.5110, -13.6566



157.3920, 29.3867, 47.8912

Triad

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



153.5720, 49.5110, -13.6566



149.6860, -43.7222, 70.4354



121.3750, 10.6611, -106.4459

Complementary

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



153.5720, 49.5110, -13.6566



238.4280, -49.5110, 13.6566

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.



129.0990, -20.7548, -63.2308



153.5720, 49.5110, -13.6566



146.5790, -58.4594, 37.2032

Square

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



153.5720, 49.5110, -13.6566



149.4090, -19.9216, 89.9723



141.3070, -49.4514, -5.5312



127.7590, 35.1218, -112.0446

Rectangle

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



153.5720, 49.5110, -13.6566



153.6700, 14.4597, 75.7114



141.3070, -49.4514, -5.5312



118.5080, 2.2146, -103.9315

Sweetspot

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



153.5720, 49.5110, -13.6566



224.2780, 15.1459, -4.6288



218.6320, 14.4784, -70.7143



109.0950, 9.3202, -2.7143



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.



153.5720, 49.5110, -13.6566



133.8950, 59.7048, -16.5709



166.7720, 43.0034, 20.3710



116.4820, 5.6784, -1.2997



25.8830, 81.4027, -22.6994



8.4700, 27.3763, -7.4282

Inverse Universe

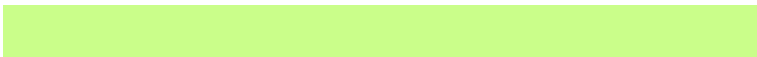
The Inverse Universe completely reimagines the original color for something new.



173.1400, -15.3520, 70.9142



157.4300, -18.4530, 85.5689



225.2280, -43.0034, -20.3710



118.8870, -1.9163, 7.9921



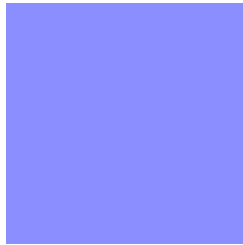
57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 153.5720, 49.5110, -13.6566 looks on a white background.

Color Contrast Check

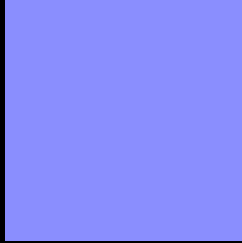
Large Text (above 18pt) WCAG AA × Fail

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 153.5720, 49.5110, -13.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

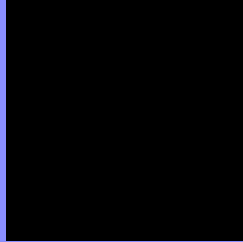
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.5720, 49.5110, -13.6566

Background



This preview shows how black text looks on a background with the YUV color 153.5720, 49.5110, -13.6566.



This preview shows how white text looks on a background with the YUV color 153.5720, 49.5110, -13.6566.

-13.6566.

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

153.5720, 49.5110, -13.6566

Protanopia

149.1240, 52.1969, -35.1887

Deuteranopia

145.9220, 51.8035, -49.0436



Tritanopia

148.3260, 12.1643, -28.3499

Trichromacy



Original Color

153.5720, 49.5110, -13.6566

Protanomaly

150.6520, 51.4436, -26.8818

Deuteranomaly

148.7710, 50.8919, -36.6332

Tritanomaly

149.9150, 25.6779, -22.7275

Monochromacy



Original Color

153.5720, 49.5110, -13.6566

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9620, 17.7667, -5.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5720, 49.5110, -13.6566 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(138, 142, 254)` looks like.

```
.text, #text, p{  
    color:rgb(138, 142, 254)  
}
```

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(138, 142, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 142, 254) }
```

Border

The CSS property to change the border of an element to YUV 153.5720, 49.5110, -13.6566 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(138, 142, 254) }
```


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

```
.border{ border-color:rgb(138, 142, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 142, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 142, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 142, 254);  
box-shadow:4px 4px 4px 4px rgb(138, 142,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 153.5720, 49.5110, -13.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 142, 254) }
```

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

```
.background{ background-color: rgb(138,  
142, 254) }
```

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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