

Converting Colors

YUV(128.7770, 62.2279,
14.2276)

Have a look what the booklet for
YUV(128.7770, 62.2279, 14.2276)
contains.

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Color

**YUV(128.7770, 62.2279,
14.2276)**

Conversions

Conversions Part 1

Format	Color
Hex	9160FF
RGB	145, 96, 255
RGB Percent	57%, 38%, 100%
CMY	0.4314, 0.6235, 0.0000
CMYK	0.43, 0.62, 0.00, 0.00
HSL	258°, 100%, 69%
HSV	258°, 62%, 100%
XYZ	33.9099, 21.6055, 96.9908
YIQ	128.7770, -21.8350, 59.8370

Conversions

Conversions Part 2

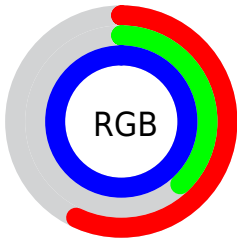
Format	Color
R _Y B	145, 96, 255
Decimal	9527551
CIE Lab	53.61, 54.60, -72.43
CIE LCh	54, 90.699, 307.010
Yxy	21.6055, 0.2224, 0.1417
Android (android.graphics.Color)	4287717631 (0xFF9160FF)
YUV	128.7770, 62.2279, 14.2276
Hunter-Lab	46.4817, 48.8786, -91.1799

Details

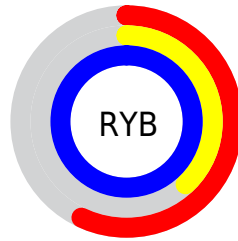
The YUV color **128.7770, 62.2279, 14.2276** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **222.2230, -62.2279, -14.2276**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8280, 38.0458, 23.8298**, and **73.9890, 60.6444, 8.7796** is the 20% darker color. If you saturate the color by 10%, you get **108.7200, 72.1160, 16.0316**, and if you desaturate by 10%, it is **149.4210, 52.0504, 11.9088**.

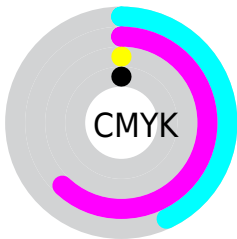
Distribution



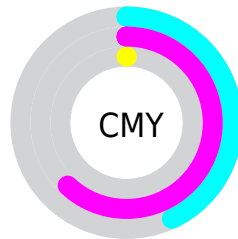
- Red (57%)
- Green (38%)
- Blue (100%)



- Red (57%)
- Yellow (38%)
- Blue (100%)



- Cyan (43%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7770, 62.2279, 14.2276 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 128.7770, 62.2279, 14.2276 by changing the saturation by 10% instead.

128.7770, 62.2279,
14.2276

128.7770, 62.2279,
14.2276

255.0000, 0.0000,
0.0000

101.8260, 61.2178,
11.5536

177.8280, 38.0458,
23.8298

73.9890, 60.6444,
8.7796

202.6470, 25.8100,
28.3736

44.7820, 61.2395,
4.5762

225.0630, 14.7589,
26.2547

16.1880, 62.0253,
-14.1969

242.0860, 6.3666,
11.3256

13.1100, 50.2318,
-11.4975

10.2600, 39.3118,
-8.9980

11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 128.7770, 62.2279,
14.2276

■ 128.7770, 62.2279,
14.2276

■ 108.7200, 72.1160,
16.0316

■ 149.4210, 52.0504,
11.9088

■ 88.3750, 82.1461,
18.9651

■ 169.1790, 42.3098,
9.4900

■ 68.3180, 92.0342,
20.7691

■ 189.8230, 32.1323,
7.1712

■ 52.6910, 99.7383,
23.0730

■ 209.8800, 22.2442,
5.3672

■ 230.2250, 12.2141,
2.4337

■ 250.2820, 2.3260,
0.6297

■ 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.



107.1410, 72.8945, -93.9627



128.7770, 62.2279, 14.2276



106.9910, 41.4164, 109.6329

Triad

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



128.7770, 62.2279, 14.2276



119.3970, -58.8627, 73.3198



110.4500, 17.0332, -96.8646

Complementary

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



128.7770, 62.2279, 14.2276



222.2230, -62.2279, -14.2276

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.



98.5260, -18.5003, -86.4073



128.7770, 62.2279, 14.2276



118.7570, -58.5472, 18.6301

Square

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



128.7770, 62.2279, 14.2276



104.1870, -33.1232, 124.3700



100.0320, -49.3158, -49.1401



118.5270, 50.5192, -103.9482

Rectangle

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



128.7770, 62.2279, 14.2276



92.2050, 23.5629, 142.7712



100.0320, -49.3158, -49.1401



106.7850, 5.5290, -93.6504

Sweetspot

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



128.7770, 62.2279, 14.2276



216.6580, 18.9026, 3.8079



179.2830, 37.3285, -73.0392



104.1110, 11.7773, 2.5337



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.



128.7770, 62.2279, 14.2276



103.4150, 74.7314, 17.1760



152.0990, 50.7302, 62.1802



117.6780, 5.0887, 1.1594



39.4150, 74.7314, 17.1760



13.2760, 25.0069, 5.8969

Inverse Universe

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



156.0810, 24.6101, 86.7520



136.1570, 29.5026, 104.2253



198.9010, -50.7302, -62.1802



119.9130, 2.0149, 7.0923



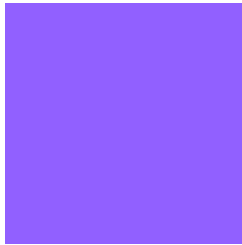
72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 128.7770, 62.2279, 14.2276 looks on a white background.

Color Contrast Check

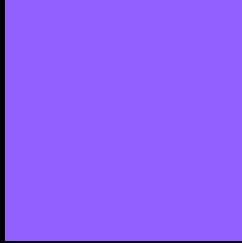
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.7770, 62.2279, 14.2276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

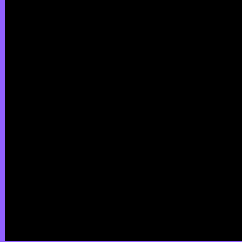
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.7770, 62.2279, 14.2276

Background



This preview shows how black text looks on a background with the YUV color 128.7770, 62.2279, 14.2276.



This preview shows how white text looks on a background with the YUV color 128.7770, 62.2279, 14.2276.

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

128.7770, 62.2279, 14.2276

Protanopia

112.3340, 70.3343, -66.0679

Deuteranopia

102.8890, 61.6797, -90.2337



Tritanopia

126.6660, 6.5737, -8.4771

Trichromacy



Original Color

128.7770, 62.2279, 14.2276



Protanomaly

118.1250, 67.4794, -36.9436



Deuteranomaly

112.2450, 61.9972, -51.9579



Tritanomaly

127.4000, 26.9178, -0.3508

Monochromacy



Original Color

128.7770, 62.2279, 14.2276



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.9940, 22.6810, 5.2673

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7770, 62.2279, 14.2276 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(145, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 96, 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(145, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 96, 255) }
```

Border

The CSS property to change the border of an element to YUV 128.7770, 62.2279, 14.2276 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(145, 96, 255) }
```


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

```
.border{ border-color:rgb(145, 96, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 96, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 96, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 96, 255); box-shadow:4px 4px 4px 4px rgb(145, 96, 255) }
```

Background

The CSS property to change the background color of an element to YUV 128.7770, 62.2279, 14.2276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 96, 255) }
```

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

```
.background{ background-color: rgb(145, 96,  
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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