

Converting Colors

YUV(154.7720, 32.6504,
-19.0940)

Have a look what the booklet for
YUV(154.7720, 32.6504, -19.0940)
contains.

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Color

**YUV(154.7720, 32.6504,
-19.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	8599DD
RGB	133, 153, 221
RGB Percent	52%, 60%, 87%
CMY	0.4784, 0.4000, 0.1333
CMYK	0.40, 0.31, 0.00, 0.13
HSL	226°, 56%, 69%
HSV	226°, 40%, 87%
XYZ	34.1152, 32.9895, 72.9762
YIQ	154.7720, -33.7480, 16.9080

Conversions

Conversions Part 2

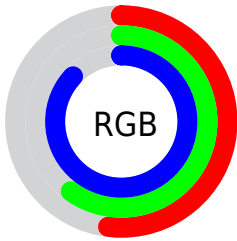
Format	Color
R_{YB}	133, 149, 221
Decimal	8755677
CIE _{Lab}	64.15, 9.85, -36.83
CIE _{LCh}	64, 38.128, 284.975
Yxy	32.9895, 0.2435, 0.2355
Android (android.graphics.Color)	4286945757 (0xFF8599DD)
YUV	154.7720, 32.6504, -19.0940
Hunter-Lab	57.4365, 5.5089, -35.1257

Details

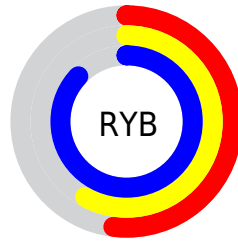
The YUV color **154.7720, 32.6504, -19.0940** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **199.2280, -32.6504, 19.0940**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0900, 23.6196, -15.8649**, and **102.4190, 31.3454, -20.5385** is the 20% darker color. If you saturate the color by 10%, you get **138.2150, 40.8130, -23.8676**, and if you desaturate by 10%, it is **171.3290, 24.4878, -14.3205**.

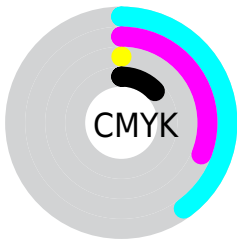
Distribution



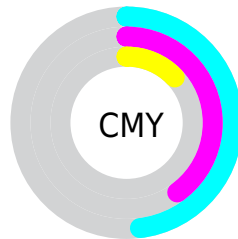
- Red (52%)
- Green (60%)
- Blue (87%)



- Red (52%)
- Yellow (58%)
- Blue (87%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7720, 32.6504, -19.0940 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 154.7720, 32.6504, -19.0940 by changing the saturation by 10% instead.

■ 154.7720, 32.6504,
-19.0940

■ 154.7720, 32.6504,
-19.0940

255.0000, 0.0000,
0.0000

■ 128.2450, 31.9242,
-19.5089

■ 207.0900, 23.6196,
-15.8649

■ 102.4190, 31.3454,
-20.5385

■ 232.1970, 11.2419,
-12.4508

■ 76.8810, 30.6247,
-22.6976

■ 252.6080, 1.1793,
-4.9182

■ 51.1360, 30.4990,
-29.0603

■ 30.5770, 28.3095,
-26.8160

■ 15.0410, 24.6298,
-13.1910

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 154.7720, 32.6504,
-19.0940

■ 154.7720, 32.6504,
-19.0940

■ 138.2150, 40.8130,
-23.8676

■ 171.3290, 24.4878,
-14.3205

■ 121.6580, 48.9756,
-28.6411

■ 187.8860, 16.3252,
-9.5470

■ 105.1010, 57.1382,
-33.4146

■ 204.4430, 8.1626,
-4.7735

■ 88.5440, 65.3008,
-38.1881

■ 221.0000, 0.0000,
0.0000

■ 71.6880, 73.6108,
-43.5764

■ 237.8560, -8.3100,
5.3883

■ 55.1310, 81.7734,
-48.3499

■ 251.1240,
-14.8511, 3.3993

■ 54.5440, 82.0628,
-47.8351

Harmonies

Analogous

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



142.3920, 38.7537, -63.4878



154.7720, 32.6504, -19.0940



159.5550, 21.9114, 18.8073

Triad

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



154.7720, 32.6504, -19.0940



156.2440, -23.2913, 50.6520



139.6050, -1.2843, -54.9046

Complementary

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



154.7720, 32.6504, -19.0940



199.2280, -32.6504, 19.0940

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.



146.5910, -20.0114, -21.5663



154.7720, 32.6504, -19.0940



154.5440, -31.8202, 32.8489

Square

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



154.7720, 32.6504, -19.0940



157.7620, -8.7567, 55.4597



151.2050, -31.1601, 7.7132



121.1590, 25.0646, -106.2564

Rectangle

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



154.7720, 32.6504, -19.0940



159.8580, 12.3950, 37.8355



151.2050, -31.1601, 7.7132



142.5480, -8.1582, -43.4536

Sweetspot

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



154.7720, 32.6504, -19.0940



231.6430, 11.5150, -6.7029



192.2940, 3.7991, -52.0008



114.4000, 6.7048, -3.8588



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.



154.7720, 32.6504, -19.0940



162.7570, 45.4758, -26.0969



149.9090, 35.0479, 5.3418



101.4280, 4.2260, -2.1294



42.6150, 64.2798, -37.3734



11.1140, 17.1988, -9.7470

Inverse Universe

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



161.5920, -4.2359, 52.1008



172.5560, -6.1901, 72.3034



204.0910, -35.0479, -5.3418



102.5170, -0.7479, 6.5626



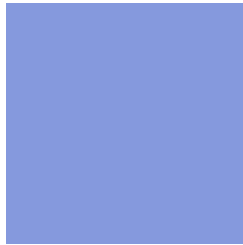
56.1730, -8.4663, 102.4573



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 154.7720, 32.6504, -19.0940 looks on a white background.

Color Contrast Check

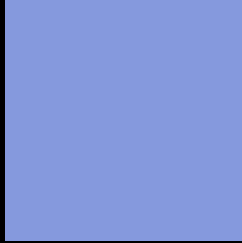
Large Text (above 18pt) WCAG AA × Fail

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 154.7720, 32.6504, -19.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

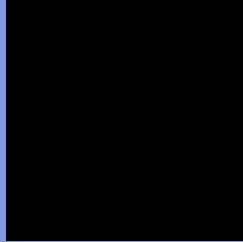
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.7720, 32.6504, -19.0940

Background



This preview shows how black text looks on a background with the YUV color 154.7720, 32.6504, -19.0940.



This preview shows how white text looks on a background with the YUV color 154.7720, 32.6504, -19.0940.

-19.0940.

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

154.7720, 32.6504, -19.0940

Protanopia

155.0710, 32.5030, -18.4793

Deuteranopia

154.7610, 32.6558, -20.8384



Tritanopia

151.2230, 11.7221, -26.5056

Trichromacy



Original Color

154.7720, 32.6504, -19.0940

Protanomaly

155.0710, 32.5030, -18.4793

Deuteranomaly

155.0600, 32.5084, -20.2236

Tritanomaly

152.5960, 19.4262, -24.2017

Monochromacy



Original Color

154.7720, 32.6504, -19.0940

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.7570, 11.9518, -6.8029

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7720, 32.6504, -19.0940 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(133, 153, 221)` looks like.

```
.text, #text, p{  
    color:rgb(133, 153, 221)  
}
```

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(133, 153, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 153, 221) }
```

Border

The CSS property to change the border of an element to YUV 154.7720, 32.6504, -19.0940 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(133, 153, 221) }
```


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

```
.border{ border-color:rgb(133, 153, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 153, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 153, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 153, 221);  
box-shadow:4px 4px 4px 4px rgb(133, 153,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 154.7720, 32.6504, -19.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 153, 221) }
```

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

```
.background{ background-color: rgb(133,  
153, 221) }
```

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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