

Converting Colors

YUV(154.5950, 24.3567,
-18.9388)

Have a look what the booklet for
YUV(154.5950, 24.3567, -18.9388)
contains.

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Color

**YUV(154.5950, 24.3567,
-18.9388)**

Conversions

Conversions Part 1

Format	Color
Hex	859CCC
RGB	133, 156, 204
RGB Percent	52%, 61%, 80%
CMY	0.4784, 0.3882, 0.2000
CMYK	0.35, 0.24, 0.00, 0.20
HSL	221°, 41%, 66%
HSV	221°, 35%, 80%
XYZ	32.4604, 33.1231, 61.8093
YIQ	154.5950, -29.1160, 10.0520

Conversions

Conversions Part 2

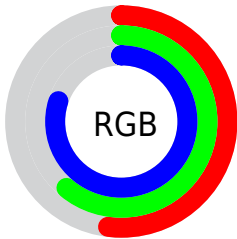
Format	Color
R_{YB}	133, 150, 204
Decimal	8756428
CIE _{Lab}	64.26, 3.55, -27.22
CIE _{LCh}	64, 27.450, 277.421
Yxy	33.1231, 0.2548, 0.2600
Android (android.graphics.Color)	4286946508 (0xFF859CCC)
YUV	154.5950, 24.3567, -18.9388
Hunter-Lab	57.5527, -0.0410, -23.3882

Details

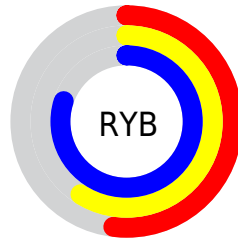
The YUV color **154.5950, 24.3567, -18.9388** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **182.4050, -24.3567, 18.9388**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5520, 22.8989, -18.0241**, and **102.9540, 23.1937, -19.2537** is the 20% darker color. If you saturate the color by 10%, you get **140.3970, 31.3563, -24.0272**, and if you desaturate by 10%, it is **168.7930, 17.3571, -13.8505**.

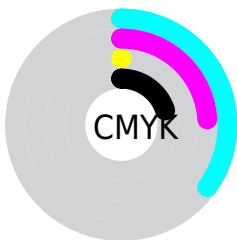
Distribution



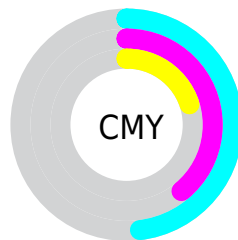
- Red (52%)
- Green (61%)
- Blue (80%)



- Red (52%)
- Yellow (59%)
- Blue (80%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5950, 24.3567, -18.9388 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 154.5950, 24.3567, -18.9388 by changing the saturation by 10% instead.

■ 154.5950, 24.3567,
-18.9388

■ 154.5950, 24.3567,
-18.9388

255.0000, 0.0000,
0.0000

■ 128.0680, 23.6305,
-19.3536

■ 208.5520, 22.8989,
-18.0241

■ 102.9540, 23.1937,
-19.2537

■ 233.9470, 10.3791,
-15.7395

■ 78.1280, 22.6149,
-20.2833

■ 252.0100, 1.4741,
-6.1478

■ 53.7040, 22.3309,
-22.5424

■ 30.1550, 21.6156,
-26.4459

■ 15.3200, 18.0832,
-13.4356

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 154.5950, 24.3567,
-18.9388

■ 154.5950, 24.3567,
-18.9388

■ 140.3970, 31.3563,
-24.0272

■ 168.7930, 17.3571,
-13.8505

■ 125.9000, 38.5033,
-29.7303

■ 183.2900, 10.2100,
-8.1473

■ 112.2890, 45.2135,
-35.3335

■ 196.9010, 3.4998,
-2.5442

■ 97.7920, 52.3605,
-41.0366

■ 211.3980, -3.6472,
3.1590

■ 83.5940, 59.3602,
-46.1249

■ 225.5960,
-10.6468, 8.2473

■ 69.3960, 66.3598,
-51.2133

■ 239.7940,
-17.6464, 13.3357

■ 61.9980, 70.0070,
-54.3722

■ 248.0120,
-21.6979, 6.1285

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



147.7830, 25.7430, -43.6597



154.5950, 24.3567, -18.9388



158.4520, 18.0182, 7.4966

Triad

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



154.5950, 24.3567, -18.9388



157.9420, -15.2544, 39.5159



147.6080, -5.7227, -31.2282

Complementary

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



154.5950, 24.3567, -18.9388



182.4050, -24.3567, 18.9388

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.



150.7650, -17.1391, -9.4409



154.5950, 24.3567, -18.9388



156.0410, -22.2052, 28.9050

Square

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



154.5950, 24.3567, -18.9388



159.1020, -4.4873, 39.3755



153.7030, -23.0246, 11.6615



143.5700, 8.5930, -49.6119

Rectangle

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



154.5950, 24.3567, -18.9388



159.4170, 11.1334, 22.4363



153.7030, -23.0246, 11.6615



148.9140, -9.8176, -24.4806

Sweetspot

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



154.5950, 24.3567, -18.9388



237.5460, 8.6048, -6.6178



180.0350, -0.0173, -41.2497



116.7590, 5.5418, -4.1736



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.



154.5950, 24.3567, -18.9388



180.7430, 36.6087, -28.7156



144.6820, 29.2438, 0.2789



94.9010, 3.4998, -2.5442



50.6220, 56.8814, -44.3955



11.3760, 13.1256, -9.9768

Inverse Universe

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



156.8510, -0.4195, 41.3497



183.9830, -0.4846, 62.2819



192.3180, -29.2438, -0.2789



95.3320, -0.1637, 5.8478



55.7900, -0.8825, 96.6542



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 154.5950, 24.3567, -18.9388 looks on a white background.

Color Contrast Check

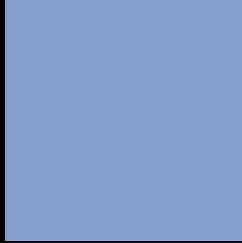
Large Text (above 18pt) WCAG AA × Fail

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 154.5950, 24.3567, -18.9388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

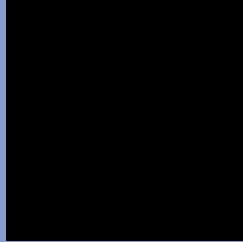
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

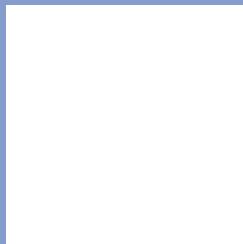
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.5950, 24.3567, -18.9388

Background



This preview shows how black text looks on a background with the YUV color 154.5950, 24.3567, -18.9388.



This preview shows how white text looks on a background with the YUV color 154.5950, 24.3567, -18.9388.

-18.9388.

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

154.5950, 24.3567, -18.9388

Protanopia

156.1830, 22.5878, -11.5615

Deuteranopia

156.2370, 24.0402, -10.7318



Tritanopia

152.0170, 10.8376, -22.8169

Trichromacy



Original Color

154.5950, 24.3567, -18.9388

Protanomaly

155.6880, 23.3248, -14.6354

Deuteranomaly

155.6280, 24.3404, -13.7058

Tritanomaly

152.9940, 15.7790, -21.0427

Monochromacy



Original Color

154.5950, 24.3567, -18.9388

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.6600, 9.0416, -6.7178

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5950, 24.3567, -18.9388 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, 156, 204)` looks like.

```
.text, #text, p{  
    color:rgb(133, 156, 204)  
}
```

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, 156, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 156, 204) }
```

Border

The CSS property to change the border of an element to YUV 154.5950, 24.3567, -18.9388 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, 156, 204) }
```


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

```
.border{ border-color:rgb(133, 156, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 156, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 156, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 156, 204);  
box-shadow:4px 4px 4px 4px rgb(133, 156,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 154.5950, 24.3567, -18.9388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 156, 204) }
```

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

```
.background{ background-color: rgb(133,  
156, 204) }
```

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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