

Converting Colors

YUV(154.8810, 17.3137, 0.1044)

Have a look what the booklet for
YUV(154.8810, 17.3137, 0.1044)
contains.

YUV(154.8810, 17.3137, 0.1044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.8810, 17.3137,
0.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	9B94BE
RGB	155, 148, 190
RGB Percent	61%, 58%, 75%
CMY	0.3922, 0.4196, 0.2549
CMYK	0.18, 0.22, 0.00, 0.25
HSL	250°, 24%, 66%
HSV	250°, 22%, 75%
XYZ	33.4017, 31.8661, 53.1055
YIQ	154.8810, -9.3100, 14.5460

Conversions

Conversions Part 2

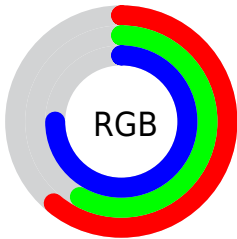
Format	Color
R_{YB}	155, 148, 190
Decimal	10196158
CIE _{Lab}	63.23, 11.32, -20.82
CIE _{LCh}	63, 23.704, 298.538
Yxy	31.8661, 0.2822, 0.2692
Android (android.graphics.Color)	4288386238 (0xFF9B94BE)
YUV	154.8810, 17.3137, 0.1044
Hunter-Lab	56.4500, 6.8316, -16.2622

Details

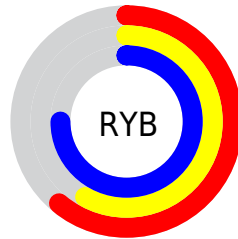
The YUV color $154.8810, 17.3137, 0.1044$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $183.1190, -17.3137, -0.1044$, and the grayscale version is $155.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.4080, 18.0399, 0.5192$, and $103.3540, 16.5875, -0.3105$ is the 20% darker color. If you saturate the color by 10%, you get $138.9440, 25.1706, 0.0491$, and if you desaturate by 10%, it is $170.8180, 9.4567, 0.1596$.

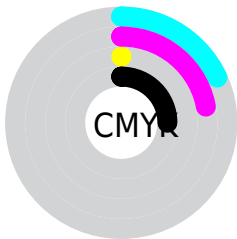
Distribution



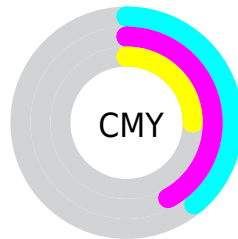
- Red (61%)
- Green (58%)
- Blue (75%)



- Red (61%)
- Yellow (58%)
- Blue (75%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8810, 17.3137, 0.1044 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 154.8810, 17.3137, 0.1044 by changing the saturation by 10% instead.

■ 154.8810, 17.3137,
0.1044

■ 154.8810, 17.3137,
0.1044

■ 255.0000, 0.0000,
0.0000

■ 128.7670, 16.8769,
0.2043

■ 209.4080, 18.0399,
0.5192

■ 103.3540, 16.5875,
-0.3105

■ 235.2420, 9.7407,
2.4188

■ 79.7130, 15.4245,
-0.6253

■ 56.3000, 15.1351,
-1.1401

■ 34.3600, 14.1195,
-2.0697

■ 11.1970, 14.6929,
0.7042

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 154.8810, 17.3137,
0.1044

■ 154.8810, 17.3137,
0.1044

■ 138.9440, 25.1706,
0.0491

■ 170.8180, 9.4567,
0.1596

■ 123.0070, 33.0275,
-0.0061

■ 186.7550, 1.5998,
0.2149

■ 107.0700, 40.8845,
-0.0614

■ 202.6920, -6.2572,
0.2701

■ 91.4320, 48.5940,
0.4981

■ 218.3300,
-13.9667, -0.2894

■ 75.4950, 56.4510,
0.4429

■ 234.2670,
-21.8236, -0.2342

■ 59.5580, 64.3079,
0.3876

■ 246.0950,
-27.6548, 3.4247

■ 43.6210, 72.1648,
0.3324

■ 247.5900,
-28.3919, 6.4986

■ 31.2280, 78.2746,
0.6770

Harmonies

Analogous

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



150.8890, 21.7467, -21.8277



154.8810, 17.3137, 0.1044



156.2380, 9.2497, 19.9623

Triad

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



154.8810, 17.3137, 0.1044



153.8930, -17.6952, 29.0348



144.2680, 3.3189, -37.9460

Complementary

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



154.8810, 17.3137, 0.1044



183.1190, -17.3137, -0.1044

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.



147.2780, -8.5181, -21.2918



154.8810, 17.3137, 0.1044



151.8220, -20.1252, 15.0651

Square

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



154.8810, 17.3137, 0.1044



155.4730, -10.5862, 35.5422



149.9230, -16.7240, -2.5635



142.7860, 14.4025, -46.2933

Rectangle

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



154.8810, 17.3137, 0.1044



156.8710, 2.5286, 29.0541



149.9230, -16.7240, -2.5635



144.9760, -0.4812, -32.4280

Sweetspot

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



154.8810, 17.3137, 0.1044



232.8350, 6.9833, 0.1447



173.3330, 8.2168, -22.2170



116.7380, 4.0732, 0.2298



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154.8810, 17.3137, 0.1044



191.8130, 27.2072, 0.1640



161.1600, 14.2181, 13.0147



86.3250, 3.7838, -0.2850



25.7860, 65.1815, 0.1877



5.0290, 12.8037, -0.0254

Inverse Universe

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



164.5480, 9.0968, 22.3214



207.0040, 14.2950, 35.0765



176.8400, -14.2181, -13.0147



88.6030, 2.1677, 4.7332



62.2900, 34.3670, 83.9377



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 154.8810, 17.3137, 0.1044 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 154.8810, 17.3137, 0.1044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

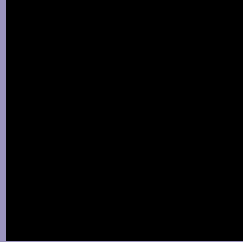
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.8810, 17.3137, 0.1044

Background



This preview shows how black text looks on a background with the YUV color 154.8810, 17.3137, 0.1044.



This preview shows how white text looks on a background with the YUV color 154.8810, 17.3137,

0.1044.

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

154.8810, 17.3137, 0.1044

Protanopia

153.2820, 19.0880, -9.0173

Deuteranopia

154.2610, 17.6193, -4.6139



Tritanopia

153.4710, 5.6838, -3.0441

Trichromacy



Original Color

154.8810, 17.3137, 0.1044

Protanomaly

153.7770, 18.3509, -5.9434

Deuteranomaly

154.2720, 17.6139, -2.8695

Tritanomaly

153.9210, 9.8989, -1.6847

Monochromacy



Original Color

154.8810, 17.3137, 0.1044

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8810, 17.3137, 0.1044 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(155, 148, 190)` looks like.

```
.text, #text, p{  
    color:rgb(155, 148, 190)  
}
```

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(155, 148, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 148, 190) }
```

Border

The CSS property to change the border of an element to YUV 154.8810, 17.3137, 0.1044 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(155, 148, 190) }
```


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

```
.border{ border-color:rgb(155, 148, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 148, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 148, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 148, 190);  
box-shadow:4px 4px 4px 4px rgb(155, 148,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 154.8810, 17.3137, 0.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 148, 190) }
```

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

```
.background{ background-color: rgb(155,  
148, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor