

Converting Colors

YUV(154.8900, 20.2672,
-13.9355)

Have a look what the booklet for
YUV(154.8900, 20.2672, -13.9355)
contains.

YUV(154.8900, 20.2672, -13.9355)	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(154.8900, 20.2672,
-13.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9BC4
RGB	139, 155, 196
RGB Percent	55%, 61%, 77%
CMY	0.4549, 0.3922, 0.2314
CMYK	0.29, 0.21, 0.00, 0.23
HSL	223°, 33%, 66%
HSV	223°, 29%, 77%
XYZ	32.3326, 32.9172, 56.8741
YIQ	154.8900, -22.6970, 9.3590

Conversions

Conversions Part 2

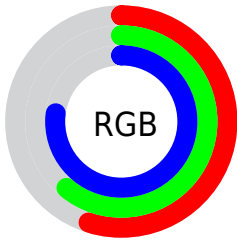
Format	Color
R_{YB}	139, 151, 196
Decimal	9149380
CIE Lab	64.09, 3.80, -22.98
CIE LCh	64, 23.290, 279.402
Yxy	32.9172, 0.2648, 0.2695
Android (android.graphics.Color)	4287339460 (0xFF8B9BC4)
YUV	154.8900, 20.2672, -13.9355
Hunter-Lab	57.3735, 0.1894, -18.6125

Details

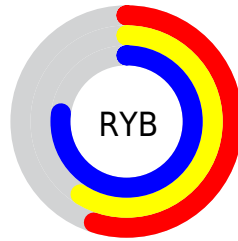
The YUV color $154.8900, 20.2672, -13.9355$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $180.1100, -20.2672, 13.9355$, and the grayscale version is $155.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.5310, 21.4302, -13.6207$, and $103.2490, 19.1042, -14.2504$ is the 20% darker color. If you saturate the color by 10%, you get $140.6920, 27.2668, -19.0239$, and if you desaturate by 10%, it is $169.0880, 13.2676, -8.8472$.

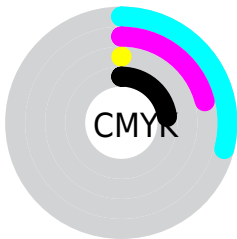
Distribution



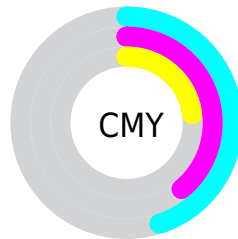
- Red (55%)
- Green (61%)
- Blue (77%)



- Red (55%)
- Yellow (59%)
- Blue (77%)



- Cyan (29%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)



- Cyan (45%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8900, 20.2672, -13.9355 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 154.8900, 20.2672, -13.9355 by changing the saturation by 10% instead.

■ 154.8900, 20.2672,
-13.9355

■ 154.8900, 20.2672,
-13.9355

255.0000, 0.0000,
0.0000

■ 128.7760, 19.8304,
-13.8356

■ 209.5310, 21.4302,
-13.6207

■ 103.2490, 19.1042,
-14.2504

■ 235.1540, 9.7841,
-11.5361

■ 78.7220, 18.3781,
-14.6652

■ 253.8040, 0.5896,
-2.4591

■ 55.3090, 18.0887,
-15.1800

■ 32.1730, 17.6627,
-18.5687

■ 13.4620, 16.0412,
-11.8062

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 154.8900, 20.2672,
-13.9355

■ 154.8900, 20.2672,
-13.9355

■ 140.6920, 27.2668,
-19.0239

■ 169.0880, 13.2676,
-8.8472

■ 126.7930, 34.1191,
-23.4975

■ 182.9870, 6.4154,
-4.3736

■ 112.5950, 41.1187,
-28.5858

■ 197.1850, -0.5842,
0.7148

■ 98.6960, 47.9709,
-33.0594

■ 211.0840, -7.4364,
5.1883

■ 84.4980, 54.9705,
-38.1477

■ 225.2820,
-14.4360, 10.2767

■ 69.7130, 62.2595,
-42.7213

■ 239.4690,
-21.4302, 13.6207

■ 55.8140, 69.1117,
-47.1949

■ 247.6870,
-25.4817, 6.4135

■ 54.6290, 69.6959,
-47.9096

■ 248.2740,
-25.7711, 5.8987

Harmonies

Analogous

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



149.8120, 21.7847, -34.0381



154.8900, 20.2672, -13.9355



158.1270, 14.2344, 7.7816

Triad

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



154.8900, 20.2672, -13.9355



157.0660, -13.3435, 33.2681



148.3850, -4.1338, -27.5246

Complementary

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



154.8900, 20.2672, -13.9355



180.1100, -20.2672, 13.9355

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.



151.2750, -13.9396, -9.0112



154.8900, 20.2672, -13.9355



155.5180, -18.9894, 24.1017

Square

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



154.8900, 20.2672, -13.9355



158.0690, -4.4710, 34.1425



153.6040, -19.5248, 9.1173



145.9840, 7.4029, -41.2050

Rectangle

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



154.8900, 20.2672, -13.9355



159.1240, 8.8129, 20.0623



153.6040, -19.5248, 9.1173



149.5060, -7.6445, -21.4918

Sweetspot

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



154.8900, 20.2672, -13.9355



238.1440, 8.3100, -5.3883



177.1330, 1.4134, -33.4426



117.0580, 5.3944, -3.5589



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.



154.8900, 20.2672, -13.9355



190.8210, 31.6402, -21.7680



149.0860, 23.1286, 1.6786



89.9010, 3.4998, -2.5442



44.7690, 57.3019, -39.2624



9.0450, 11.8098, -7.9325

Inverse Universe

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



157.8670, -1.4134, 33.4426



195.4610, -2.1993, 52.2157



185.9140, -23.1286, -1.6786



90.3320, -0.1637, 5.8478



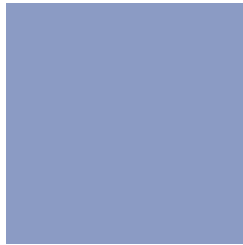
53.2690, -4.0766, 94.4801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 154.8900, 20.2672, -13.9355 looks on a white background.

Color Contrast Check

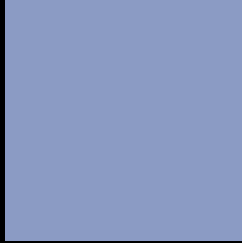
Large Text (above 18pt) WCAG AA × Fail

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 154.8900, 20.2672, -13.9355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

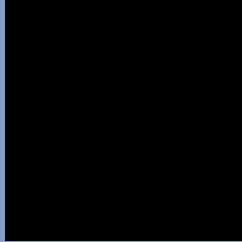
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.8900, 20.2672, -13.9355

Background



This preview shows how black text looks on a background with the YUV color 154.8900, 20.2672, -13.9355.



This preview shows how white text looks on a background with the YUV color 154.8900, 20.2672, -13.9355.

-13.9355.

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

154.8900, 20.2672, -13.9355

Protanopia

155.3960, 19.5248, -9.1173

Deuteranopia

155.9340, 20.2455, -6.9581



Tritanopia

153.0070, 9.3635, -16.6691

Trichromacy



Original Color

154.8900, 20.2672, -13.9355

Protanomaly

155.3850, 19.5302, -10.8616

Deuteranomaly

155.6240, 20.3984, -9.3172

Tritanomaly

154.0440, 13.2893, -15.8246

Monochromacy



Original Color

154.8900, 20.2672, -13.9355

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9160, 7.4364, -5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8900, 20.2672, -13.9355 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(139, 155, 196)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 196)  
}
```

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(139, 155, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 196) }
```

Border

The CSS property to change the border of an element to YUV 154.8900, 20.2672, -13.9355 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(139, 155, 196) }
```


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

```
.border{ border-color:rgb(139, 155, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 155, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 196);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 154.8900, 20.2672, -13.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 196) }
```

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

```
.background{ background-color: rgb(139,  
155, 196) }
```

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