

Converting Colors

YUV(138.9650, 53.2613,
-49.9583)

Have a look what the booklet for
YUV(138.9650, 53.2613, -49.9583)
contains.

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Color

**YUV(138.9650, 53.2613,
-49.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	5293F7
RGB	82, 147, 247
RGB Percent	32%, 58%, 97%
CMY	0.6784, 0.4235, 0.0314
CMYK	0.67, 0.40, 0.00, 0.03
HSL	216°, 91%, 65%
HSV	216°, 67%, 97%
XYZ	30.7019, 29.3767, 92.0478
YIQ	138.9650, -70.8400, 17.3200

Conversions

Conversions Part 2

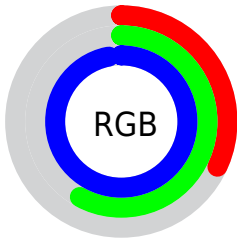
Format	Color
R_{YB}	82, 129, 247
Decimal	5411831
CIE _{Lab}	61.11, 10.68, -56.16
CIE _{LCh}	61, 57.165, 280.773
Yxy	29.3767, 0.2018, 0.1931
Android (android.graphics.Color)	4283601911 (0xFF5293F7)
YUV	138.9650, 53.2613, -49.9583
Hunter-Lab	54.2003, 6.2614, -62.7515

Details

The YUV color **138.9650, 53.2613, -49.9583** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **190.0350, -53.2613, 49.9583**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7110, 31.6945, -39.2115**, and **78.5990, 54.9207, -68.9313** is the 20% darker color. If you saturate the color by 10%, you get **122.6850, 61.2873, -57.6057**, and if you desaturate by 10%, it is **155.2450, 45.2352, -42.3109**.

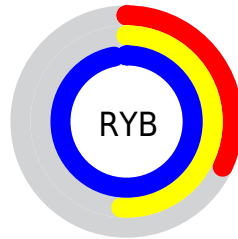
Distribution



Red (32%)

Green (58%)

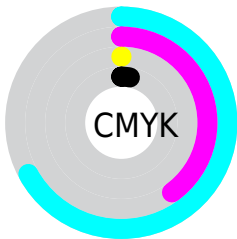
Blue (97%)



Red (32%)

Yellow (51%)

Blue (97%)

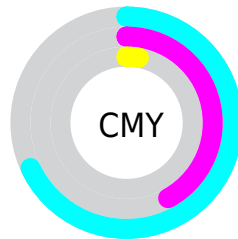


Cyan (67%)

Magenta (40%)

Yellow (0%)

Black (3%)



Cyan (68%)

Magenta (42%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.9650, 53.2613, -49.9583 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 138.9650, 53.2613, -49.9583 by changing the saturation by 10% instead.

■ 138.9650, 53.2613,
-49.9583

■ 138.9650, 53.2613,
-49.9583

255.0000, 0.0000,
0.0000

■ 109.0240, 53.7252,
-58.7800

■ 190.7110, 31.6945,
-39.2115

■ 78.5990, 54.9207,
-68.9313

■ 215.8290, 19.3113,
-34.0530

■ 61.9060, 49.3463,
-54.2916

■ 240.6480, 7.0755,
-29.5093

■ 46.0280, 44.3562,
-40.3666

■ 249.9170, 2.5059,
-10.4512

■ 31.3240, 38.7873,
-27.4711

■ 13.7990, 35.1021,
-12.1017

■ 10.4760, 24.9083,

-9.1875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 138.9650, 53.2613,
-49.9583

■ 138.9650, 53.2613,
-49.9583

■ 122.6850, 61.2873,
-57.6057

■ 155.2450, 45.2352,
-42.3109

■ 106.7040, 69.1659,
-64.6384

■ 171.2260, 37.3566,
-35.2782

■ 90.4240, 77.1920,
-72.2858

■ 187.5060, 29.3305,
-27.6308

■ 85.0970, 79.8182,
-74.6301

■ 203.7860, 21.3045,
-19.9833

■ 220.0660, 13.2785,
-12.3359

■ 236.0470, 5.3998,
-5.3032

■ 252.3270, -2.6262,
2.3442

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



122.7960, 59.2606, -107.6921



138.9650, 53.2613, -49.9583



151.5240, 35.7307, 19.7115

Triad

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



138.9650, 53.2613, -49.9583



144.9760, -30.0612, 75.4430



112.5580, -0.2751, -98.7134

Complementary

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



138.9650, 53.2613, -49.9583



190.0350, -53.2613, 49.9583

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.



133.7030, -33.3776, -27.8035



138.9650, 53.2613, -49.9583



143.6420, -47.1515, 50.3030

Square

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



138.9650, 53.2613, -49.9583



145.9810, -7.3856, 82.4547



139.9120, -50.2426, 14.9862



119.7740, 22.2964, -105.0418

Rectangle

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



138.9650, 53.2613, -49.9583



151.1060, 23.1187, 51.6500



139.9120, -50.2426, 14.9862



122.7160, -13.1710, -69.0339

Sweetspot

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



138.9650, 53.2613, -49.9583



221.5540, 16.4889, -15.3949



190.1410, -4.5065, -94.8397



107.5780, 10.0680, -9.2769



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.



138.9650, 53.2613, -49.9583



121.2160, 65.9555, -61.5794



105.5940, 69.7132, -6.6599



114.3030, 3.7946, -3.7737



64.0550, 60.1189, -56.1762



20.2270, 19.1151, -17.7391

Inverse Universe

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



138.7450, 4.0697, 94.9396



121.1160, 4.8728, 117.4163



223.4060, -69.7132, 6.6599



114.1580, 0.4151, 6.8774



63.9360, 4.4686, 107.0501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 138.9650, 53.2613, -49.9583 looks on a white background.

Color Contrast Check

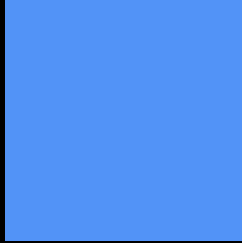
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9650, 53.2613, -49.9583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

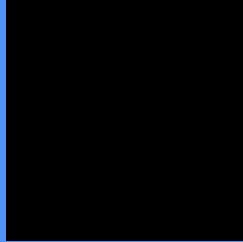
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

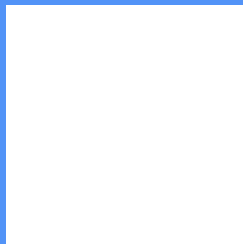
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.9650, 53.2613, -49.9583

Background



This preview shows how black text looks on a background with the YUV color 138.9650, 53.2613, -49.9583.



This preview shows how white text looks on a background with the YUV color 138.9650, 53.2613, -49.9583.

-49.9583.

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

138.9650, 53.2613, -49.9583

Protanopia

143.1520, 49.7181, -33.4593

Deuteranopia

138.0570, 53.7089, -53.5470



Tritanopia

124.6120, 24.8413, -81.2207

Trichromacy



Original Color

138.9650, 53.2613, -49.9583

Protanomaly

141.4610, 51.0447, -38.9923

Deuteranomaly

138.6550, 53.4141, -52.3174

Tritanomaly

130.0230, 34.9917, -70.1802

Monochromacy



Original Color

138.9650, 53.2613, -49.9583

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9280, 19.2625, -18.3539

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9650, 53.2613, -49.9583 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(82, 147, 247)` looks like.

```
.text, #text, p{  
  color:rgb(82, 147, 247)  
}
```

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(82, 147, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 147, 247) }
```

Border

The CSS property to change the border of an element to YUV 138.9650, 53.2613, -49.9583 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(82, 147, 247) }
```


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

```
.border{ border-color:rgb(82, 147, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 147, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 147, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 147, 247);  
box-shadow:4px 4px 4px 4px rgb(82, 147,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 138.9650, 53.2613, -49.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 147, 247) }
```

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

```
.background{ background-color: rgb(82, 147,  
247) }
```

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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