

Converting Colors

YUV(136.5950, 34.2167,
-54.8958)

Have a look what the booklet for
YUV(136.5950, 34.2167, -54.8958)
contains.

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Color

**YUV(136.5950, 34.2167,
-54.8958)**

Conversions

Conversions Part 1

Format	Color
Hex	4A9BCE
RGB	74, 155, 206
RGB Percent	29%, 61%, 81%
CMY	0.7098, 0.3922, 0.1922
CMYK	0.64, 0.25, 0.00, 0.19
HSL	203°, 57%, 55%
HSV	203°, 64%, 81%
XYZ	25.6860, 29.3548, 62.7048
YIQ	136.5950, -64.6470, -1.3110

Conversions

Conversions Part 2

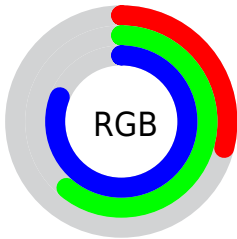
Format	Color
R_{YB}	74, 124, 206
Decimal	4889550
CIE _{Lab}	61.09, -9.04, -33.48
CIE _{LCh}	61, 34.675, 254.894
Yxy	29.3548, 0.2181, 0.2493
Android (android.graphics.Color)	4283079630 (0xFF4A9BCE)
YUV	136.5950, 34.2167, -54.8958
Hunter-Lab	54.1800, -10.1908, -30.6927

Details

The YUV color `136.5950, 34.2167, -54.8958` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `143.4050, -34.2167, 54.8958`, and the grayscale version is `136.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `191.8190, 31.1482, -50.7073`, and `78.2620, 35.8598, -68.6358` is the 20% darker color. If you saturate the color by 10%, you get `125.6200, 39.6273, -63.6877`, and if you desaturate by 10%, it is `147.5700, 28.8060, -46.1039`.

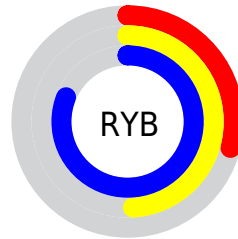
Distribution



Red (29%)

Green (61%)

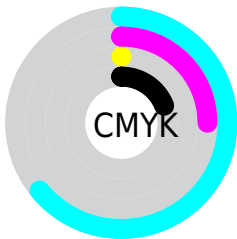
Blue (81%)



Red (29%)

Yellow (49%)

Blue (81%)

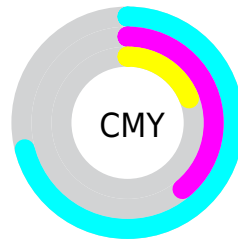


Cyan (64%)

Magenta (25%)

Yellow (0%)

Black (19%)



Cyan (71%)

Magenta (39%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.5950, 34.2167, -54.8958 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 136.5950, 34.2167, -54.8958 by changing the saturation by 10% instead.

■ 136.5950, 34.2167,
-54.8958

■ 136.5950, 34.2167,
-54.8958

255.0000, 0.0000,
0.0000

■ 107.3770, 34.8171,
-60.8436

■ 191.8190, 31.1482,
-50.7073

■ 78.2620, 35.8598,
-68.6358

■ 217.8120, 18.3337,
-47.1931

■ 61.2100, 31.4485,
-53.6812

■ 236.4620, 9.1392,
-38.1162

■ 44.8590, 27.1845,
-39.3413

■ 245.4320, 4.7170,
-19.6729

■ 29.7960, 22.7786,
-26.1311

254.4020, 0.2948,
-1.2296

■ 13.0860, 19.6776,
-11.4764

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 136.5950, 34.2167,
-54.8958

■ 136.5950, 34.2167,
-54.8958

■ 125.6200, 39.6273,
-63.6877

■ 147.5700, 28.8060,
-46.1039

■ 114.9440, 44.8906,
-71.8649

■ 158.2460, 23.5427,
-37.9267

■ 103.9690, 50.3013,
-80.6568

■ 169.2210, 18.1320,
-29.1348

■ 97.4460, 53.5171,
-85.4601

■ 179.8970, 12.8688,
-20.9577

■ 190.8720, 7.4581,
-12.1657

■ 201.8470, 2.0474,
-3.3738

■ 212.5230, -3.2158,
4.8033

■ 223.4980, -8.6265,
13.5953

■ 232.9780,
-13.3002, 19.3133

Harmonies

Analogous

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



118.2600, 35.3678, -97.5750



136.5950, 34.2167, -54.8958



146.8710, 29.1506, -16.5499

Triad

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



136.5950, 34.2167, -54.8958



149.8430, -8.3036, 50.1267



139.7700, -18.1276, -19.0923

Complementary

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



136.5950, 34.2167, -54.8958



143.4050, -34.2167, 54.8958

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.



143.4160, -27.8131, 7.5282



136.5950, 34.2167, -54.8958



148.4930, -20.9490, 46.0486

Square

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



136.5950, 34.2167, -54.8958



150.9740, 6.4218, 40.3648



146.3310, -28.7572, 30.4047



134.1220, -2.0321, -48.3420

Rectangle

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



136.5950, 34.2167, -54.8958



150.8200, 23.2597, 6.2969



146.3310, -28.7572, 30.4047



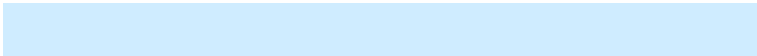
141.3860, -22.3753, -9.9855

Sweetspot

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



136.5950, 34.2167, -54.8958



229.4950, 12.5740, -19.7281



157.2980, -15.9229, -73.0523



111.9860, 7.8949, -12.2657



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.



136.5950, 34.2167, -54.8958



151.7840, 50.8855, -81.3716



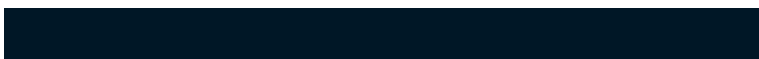
97.8530, 53.3165, -20.9191



96.6620, 2.6316, -4.0886



78.7980, 42.9906, -69.1058



17.8330, 9.9423, -15.6395

Inverse Universe

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



122.7020, 15.9229, 73.0523



131.2840, 23.5240, 108.4989



182.1470, -53.3165, 20.9191



95.6740, 1.1467, 5.5479



61.2620, 20.0838, 91.8552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 136.5950, 34.2167, -54.8958 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 136.5950, 34.2167, -54.8958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

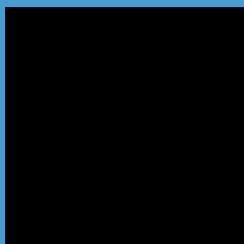
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

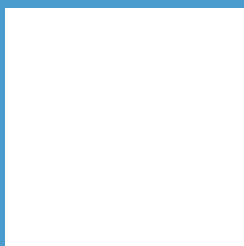
Any Text WCAG AAA × Fail

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

YUV 136.5950, 34.2167, -54.8958 Background



This preview shows how black text looks on a background with the YUV color 136.5950, 34.2167, -54.8958.



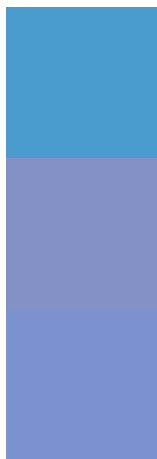
This preview shows how white text looks on a background with the YUV color 136.5950, 34.2167, -54.8958.

-54.8958.

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

136.5950, 34.2167, -54.8958

Protanopia

146.8560, 25.2140, -13.9057

Deuteranopia

145.9030, 30.6138, -19.2089



Tritanopia

131.3860, 21.0087, -65.2365

Trichromacy



Original Color

136.5950, 34.2167, -54.8958

Protanomaly

143.2670, 28.4624, -29.1752

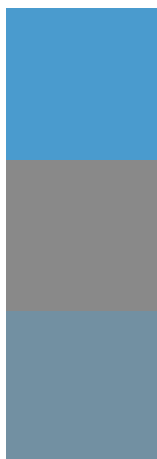
Deuteranomaly

142.7550, 31.6728, -32.2341

Tritanomaly

133.3740, 25.9446, -61.7180

Monochromacy



Original Color

136.5950, 34.2167, -54.8958

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0820, 12.2846, -20.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.5950, 34.2167, -54.8958 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(74, 155, 206)` looks like.

```
.text, #text, p{  
    color:rgb(74, 155, 206)  
}
```

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(74, 155, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 155, 206) }
```

Border

The CSS property to change the border of an element to YUV 136.5950, 34.2167, -54.8958 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(74, 155, 206) }
```


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

```
.border{ border-color:rgb(74, 155, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 155, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 155, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 155, 206);  
box-shadow:4px 4px 4px 4px rgb(74, 155,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 136.5950, 34.2167, -54.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 155, 206) }
```

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

```
.background{ background-color: rgb(74, 155,  
206) }
```

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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