

Converting Colors

YUV(131.4210, 34.7954,
-53.8662)

Have a look what the booklet for
YUV(131.4210, 34.7954, -53.8662)
contains.

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Color

**YUV(131.4210, 34.7954,
-53.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	4695CA
RGB	70, 149, 202
RGB Percent	27%, 58%, 79%
CMY	0.7255, 0.4157, 0.2078
CMYK	0.65, 0.26, 0.00, 0.21
HSL	204°, 55%, 53%
HSV	204°, 65%, 79%
XYZ	23.9339, 27.0613, 59.8390
YIQ	131.4210, -64.0970, -0.2650

Conversions

Conversions Part 2

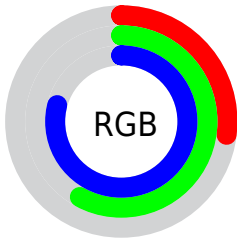
Format	Color
R_{YB}	70, 119, 202
Decimal	4625866
CIE _{Lab}	59.03, -7.67, -34.46
CIE _{LCh}	59, 35.301, 257.451
Yxy	27.0613, 0.2159, 0.2442
Android (android.graphics.Color)	4282815946 (0xFF4695CA)
YUV	131.4210, 34.7954, -53.8662
Hunter-Lab	52.0204, -8.9103, -31.7869

Details

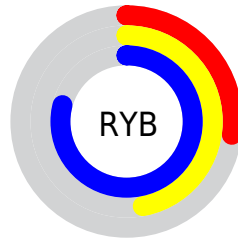
The YUV color `131.4210, 34.7954, -53.8662` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `140.5790, -34.7954, 53.8662`, and the grayscale version is `131.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `187.4000, 33.3268, -49.4628`, and `74.3980, 36.2858, -65.2470` is the 20% darker color. If you saturate the color by 10%, you get `120.7450, 40.0587, -62.0434`, and if you desaturate by 10%, it is `142.0970, 29.5322, -45.6891`.

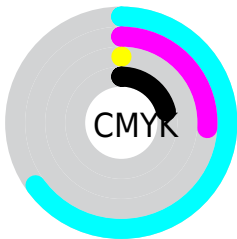
Distribution



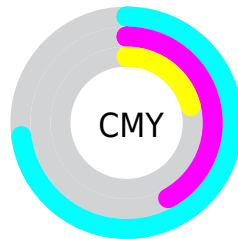
- Red (27%)
- Green (58%)
- Blue (79%)



- Red (27%)
- Yellow (47%)
- Blue (79%)



- Cyan (65%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (73%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4210, 34.7954, -53.8662 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 131.4210, 34.7954, -53.8662 by changing the saturation by 10% instead.

■ 131.4210, 34.7954,
-53.8662

■ 131.4210, 34.7954,
-53.8662

■ 255.0000, 0.0000,
0.0000

■ 101.6050, 35.6907,
-61.0436

■ 187.4000, 33.3268,
-49.4628

■ 74.3980, 36.2858,
-65.2470

■ 212.5070, 20.9490,
-46.0486

■ 57.9330, 31.5850,
-50.8072

■ 235.2660, 9.7289,
-40.5753

■ 41.5820, 27.3211,
-36.4674

■ 244.2360, 5.3067,
-22.1320

■ 26.9920, 22.1889,
-23.6720

■ 253.2060, 0.8844,
-3.6887

■ 8.0480, 20.6823,
-7.0581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 131.4210, 34.7954,
-53.8662

■ 131.4210, 34.7954,
-53.8662

■ 120.7450, 40.0587,
-62.0434

■ 142.0970, 29.5322,
-45.6891

■ 110.0690, 45.3220,
-70.2205

■ 152.7730, 24.2689,
-37.5119

■ 99.0940, 50.7327,
-79.0124

■ 163.7480, 18.8582,
-28.7200

■ 94.0550, 53.2169,
-82.4862

■ 174.4240, 13.5950,
-20.5428

■ 185.6870, 8.0423,
-12.8805

■ 196.3630, 2.7790,
-4.7034

■ 207.0390, -2.4842,
3.4738

■ 218.0140, -7.8949,
12.2657

■ 228.6900,
-13.1582, 20.4429

Harmonies

Analogous

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



112.8900, 36.5362, -99.0045



131.4210, 34.7954, -53.8662



142.1810, 28.9978, -14.1907

Triad

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



131.4210, 34.7954, -53.8662



143.9140, -9.3246, 50.9414



133.6880, -17.1012, -21.6514

Complementary

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



131.4210, 34.7954, -53.8662



140.5790, -34.7954, 53.8662

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.



138.1060, -27.6603, 5.1690



131.4210, 34.7954, -53.8662



142.5530, -21.9646, 45.1190

Square

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



131.4210, 34.7954, -53.8662



145.6430, 5.1060, 42.4091



140.7930, -29.4779, 28.2455



127.3710, 0.3101, -52.9454

Rectangle

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



131.4210, 34.7954, -53.8662



145.3150, 22.5227, 9.3707



140.7930, -29.4779, 28.2455



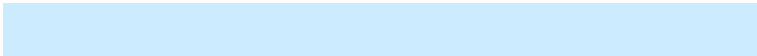
135.3040, -21.3489, -12.5446

Sweetspot

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



131.4210, 34.7954, -53.8662



228.0110, 13.3056, -21.0576



153.5260, -15.0493, -73.2523



111.1000, 8.3317, -12.3657



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.



131.4210, 34.7954, -53.8662



148.5390, 52.4853, -81.1567



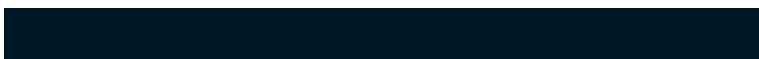
92.6790, 53.8953, -19.8895



96.6620, 2.6316, -4.0886



77.0370, 43.8588, -67.5614



17.8330, 9.9423, -15.6395

Inverse Universe

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



118.4740, 15.0493, 73.2523



129.0670, 22.6450, 110.4432



179.3210, -53.8953, 19.8895



95.6740, 1.1467, 5.5479



60.9200, 18.7734, 92.1552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 131.4210, 34.7954, -53.8662 looks on a white background.

Color Contrast Check

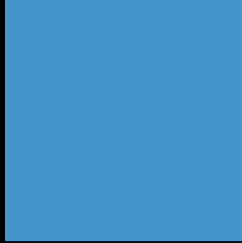
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.4210, 34.7954, -53.8662 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

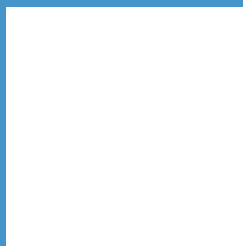
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.4210, 34.7954, -53.8662

Background



This preview shows how black text looks on a background with the YUV color 131.4210, 34.7954, -53.8662.

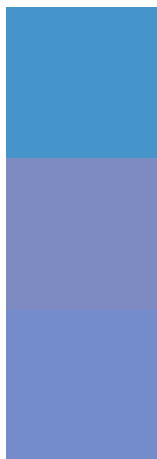


This preview shows how white text looks on a background with the YUV color 131.4210, 34.7954, -53.8662.

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

131.4210, 34.7954, -53.8662

Protanopia

141.0840, 26.0876, -14.1057

Deuteranopia

140.1200, 31.4928, -21.1532



Tritanopia

125.3860, 21.0087, -65.2365

Trichromacy



Original Color

131.4210, 34.7954, -53.8662

Protanomaly

137.7940, 29.1886, -28.7603

Deuteranomaly

136.6840, 32.6938, -33.0489

Tritanomaly

127.6730, 25.7972, -61.1032

Monochromacy



Original Color

131.4210, 34.7954, -53.8662

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.4950, 12.5740, -19.7281

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4210, 34.7954, -53.8662 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(70, 149, 202)` looks like.

```
.text, #text, p{  
    color:rgb(70, 149, 202)  
}
```

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(70, 149, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 149, 202) }
```

Border

The CSS property to change the border of an element to YUV 131.4210, 34.7954, -53.8662 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(70, 149, 202) }
```


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

```
.border{ border-color:rgb(70, 149, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 149, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 149, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 149, 202);  
box-shadow:4px 4px 4px 4px rgb(70, 149,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 131.4210, 34.7954, -53.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 149, 202) }
```

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

```
.background{ background-color: rgb(70, 149,  
202) }
```

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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