

Converting Colors

YUV(153.1730, 27.5227,
-54.5257)

Have a look what the booklet for
YUV(153.1730, 27.5227, -54.5257)
contains.

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Color

**YUV(153.1730, 27.5227,
-54.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	5BAED1
RGB	91, 174, 209
RGB Percent	36%, 68%, 82%
CMY	0.6431, 0.3176, 0.1804
CMYK	0.56, 0.17, 0.00, 0.18
HSL	198°, 56%, 59%
HSV	198°, 56%, 82%
XYZ	30.9591, 37.0997, 65.8508
YIQ	153.1730, -60.7030, -6.7110

Conversions

Conversions Part 2

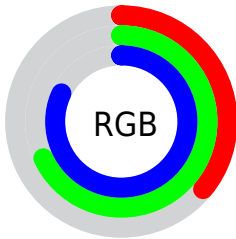
Format	Color
R _Y B	91, 140, 209
Decimal	6008529
CIE Lab	67.35, -15.25, -25.42
CIE LCh	67, 29.648, 239.039
Yxy	37.0997, 0.2312, 0.2771
Android (android.graphics.Color)	4284198609 (0xFF5BAED1)
YUV	153.1730, 27.5227, -54.5257
Hunter-Lab	60.9095, -15.8638, -21.4633

Details

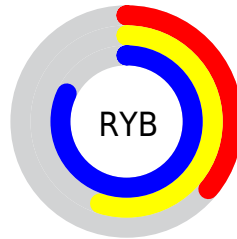
The YUV color **153.1730, 27.5227, -54.5257** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **146.8270, -27.5227, 54.5257**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6310, 22.8599, -52.2964**, and **94.5520, 29.3079, -67.1361** is the 20% darker color. If you saturate the color by 10%, you get **143.3720, 32.3546, -64.3472**, and if you desaturate by 10%, it is **162.9740, 22.6908, -44.7042**.

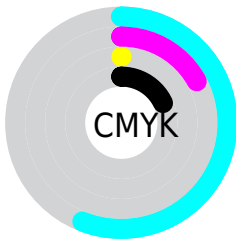
Distribution



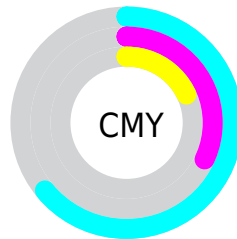
- Red (36%)
- Green (68%)
- Blue (82%)



- Red (36%)
- Yellow (55%)
- Blue (82%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1730, 27.5227, -54.5257 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 153.1730, 27.5227, -54.5257 by changing the saturation by 10% instead.

■ 153.1730, 27.5227,
-54.5257

■ 153.1730, 27.5227,
-54.5257

■ 255.0000, 0.0000,
0.0000

■ 124.8630, 27.6755,
-56.8849

■ 208.6310, 22.8599,
-52.2964

■ 94.5520, 29.3079,
-67.1361

■ 231.9770, 11.3503,
-47.3378

■ 71.5310, 27.8392,
-62.7327

■ 240.9470, 6.9281,
-28.8945

■ 54.5930, 23.8647,
-47.8781

■ 249.9170, 2.5059,
-10.4512

■ 38.3560, 20.0375,
-33.6382

■ 23.9940, 15.7790,
-21.0427

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 153.1730, 27.5227,
-54.5257

■ 153.1730, 27.5227,
-54.5257

■ 143.3720, 32.3546,
-64.3472

■ 162.9740, 22.6908,
-44.7042

■ 133.5710, 37.1865,
-74.1688

■ 172.7750, 17.8589,
-34.8827

■ 123.1830, 42.3078,
-83.4755

■ 183.1630, 12.7376,
-25.5760

■ 113.3820, 47.1397,
-93.2970

■ 192.9640, 7.9057,
-15.7544

■ 110.1150, 48.7503,
-96.5709

■ 202.7650, 3.0739,
-5.9329

■ 212.2670, -1.6106,
3.2738

■ 222.0680, -6.4425,
13.0954

■ 231.5590,
-11.1216, 20.5578

■ 235.0810,
-12.8579, 17.4690

Harmonies

Analogous

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



149.0550, 19.6929, -63.1922



153.1730, 27.5227, -54.5257



161.0390, 27.5888, -28.9752

Triad

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



153.1730, 27.5227, -54.5257



167.4380, -0.7089, 40.8349



159.4730, -20.9392, -3.9228

Complementary

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



153.1730, 27.5227, -54.5257



146.8270, -27.5227, 54.5257

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.



162.7640, -25.5197, 18.6240



153.1730, 27.5227, -54.5257



166.4310, -13.5235, 44.3490

Square

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



153.1730, 27.5227, -54.5257



168.2540, 11.7068, 25.2102



164.6720, -22.5163, 35.3677



155.8920, -9.8068, -27.9693

Rectangle

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



153.1730, 27.5227, -54.5257



164.9490, 24.1821, -9.6023



164.6720, -22.5163, 35.3677



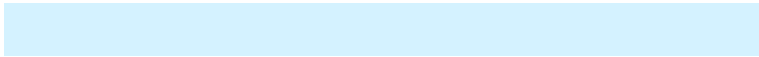
160.8330, -23.5817, 3.6545

Sweetspot

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



153.1730, 27.5227, -54.5257



234.5120, 10.1006, -19.7430



164.0280, -19.7338, -64.0456



115.5300, 6.1477, -11.8658



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.



153.1730, 27.5227, -54.5257



173.3360, 40.2604, -80.1017



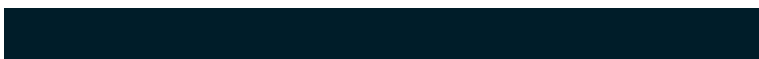
119.7140, 44.0180, -25.1822



99.3630, 2.7790, -4.7034



88.4180, 39.2339, -77.5426



21.6970, 9.5164, -19.0283

Inverse Universe

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



135.7440, 18.8602, 64.2455



147.6350, 27.7879, 94.1591



180.2860, -44.0180, 25.1822



98.0870, 1.4361, 6.0627



63.6840, 26.7778, 91.4851



15.5650, 6.6235, 22.3065

Previews

White Background



This preview shows how the YUV color 153.1730, 27.5227, -54.5257 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 153.1730, 27.5227, -54.5257 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 153.1730, 27.5227, -54.5257

Background



This preview shows how black text looks on a background with the YUV color 153.1730, 27.5227, -54.5257.



This preview shows how white text looks on a background with the YUV color 153.1730, 27.5227, -54.5257.

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

153.1730, 27.5227, -54.5257

Protanopia

163.3530, 18.0670, -8.2026

Deuteranopia

163.8350, 23.7453, -9.5023



Tritanopia

150.7890, 19.8240, -58.5740

Trichromacy



Original Color

153.1730, 27.5227, -54.5257

Protanomaly

159.7530, 21.3208, -25.2164

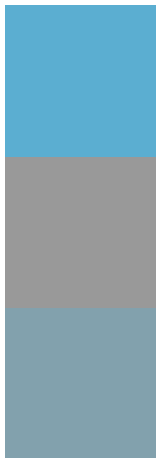
Deuteranomaly

159.7790, 25.2520, -26.1162

Tritanomaly

151.8970, 22.7288, -56.9147

Monochromacy



Original Color

153.1730, 27.5227, -54.5257

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0990, 9.8112, -20.2578

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1730, 27.5227, -54.5257 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(91, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(91, 174, 209)  
}
```

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(91, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 174, 209) }
```

Border

The CSS property to change the border of an element to YUV 153.1730, 27.5227, -54.5257 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

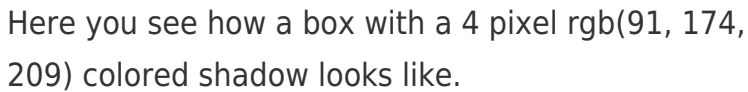
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 174, 209) }
```


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

```
.border{ border-color:rgb(91, 174, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(91, 174,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 153.1730, 27.5227, -54.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 174, 209) }
```

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

```
.background{ background-color: rgb(91, 174,  
209) }
```

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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