

Converting Colors

YUV(151.5610, -54.5066,
29.3260)

Have a look what the booklet for
YUV(151.5610, -54.5066, 29.3260)
contains.

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Color

**YUV(151.5610, -54.5066,
29.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	B99C29
RGB	185, 156, 41
RGB Percent	73%, 61%, 16%
CMY	0.2745, 0.3882, 0.8392
CMYK	0.00, 0.16, 0.78, 0.27
HSL	48°, 64%, 44%
HSV	48°, 78%, 73%
XYZ	32.2963, 34.2513, 7.0068
YIQ	151.5610, 54.1990, -29.6170

Conversions

Conversions Part 2

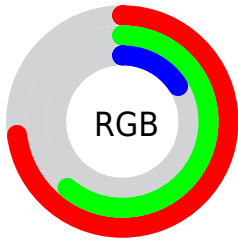
Format	Color
RYB	77, 185, 41
Decimal	12164137
CIELab	65.16, -0.93, 59.79
CIElCh	65, 59.795, 90.890
Yxy	34.2513, 0.4391, 0.4657
Android (android.graphics.Color)	4290354217 (0xFFB99C29)
YUV	151.5610, -54.5066, 29.3260
Hunter-Lab	58.5246, -3.9145, 33.8688

Details

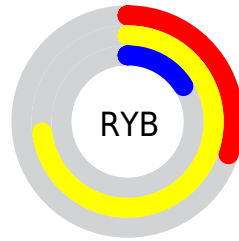
The YUV color **151.5610, -54.5066, 29.3260** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **74.4390, 54.5066, -29.3260**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1700, -54.8068, 32.2999**, and **99.9070, -49.2542, 24.6376** is the 20% darker color. If you saturate the color by 10%, you get **147.0470, -61.6482, 33.2848**, and if you desaturate by 10%, it is **156.0750, -47.3650, 25.3672**.

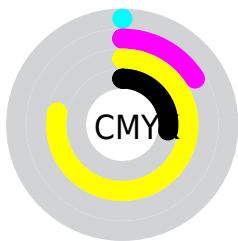
Distribution



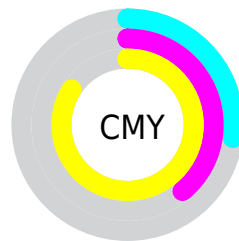
- Red (73%)
- Green (61%)
- Blue (16%)



- Red (30%)
- Yellow (73%)
- Blue (16%)



- Cyan (0%)
- Magenta (16%)
- Yellow (78%)
- Black (27%)



- Cyan (27%)
- Magenta (39%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5610, -54.5066, 29.3260 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 151.5610, -54.5066, 29.3260 by changing the saturation by 10% instead.

■ 151.5610,
-54.5066, 29.3260

■ 151.5610,
-54.5066, 29.3260

■ 255.0000, 0.0000,
0.0000

■ 123.2960,
-59.3059, 28.6814

■ 207.1700,
-54.8068, 32.2999

■ 99.9070, -49.2542,
24.6376

■ 229.9730,
-52.7377, 21.9487

■ 77.4470, -38.1814,
19.7790

■ 243.0300,
-45.8638, 10.4977

■ 56.4600, -27.8348,
14.5056

■ 246.2220,
-33.6334, 7.6983

■ 35.7720, -17.6356,
9.8470

■ 249.4140,
-21.4031, 4.8989

■ 16.5570, -8.1626,
4.7735

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 151.5610,
-54.5066, 29.3260

■ 151.5610,
-54.5066, 29.3260

■ 147.0470,
-61.6482, 33.2848

■ 156.0750,
-47.3650, 25.3672

■ 143.2340,
-68.6424, 36.6288

■ 159.8880,
-40.3708, 22.0232

■ 142.1910,
-70.1002, 37.5435

■ 164.4020,
-33.2292, 18.0644

■ 168.8020,
-26.5244, 14.2056

■ 173.2020,
-19.8196, 10.3468

■ 177.1290,
-12.3886, 6.9029

■ 181.6430, -5.2470,
2.9441

■ 186.0430, 1.4578,
-0.9147

■ 190.5570, 8.5994,
-4.8735

Harmonies

Analogous

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



154.8870, -45.3003, 63.2431



151.5610, -54.5066, 29.3260



146.2720, -43.0251, -13.3935

Triad

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



151.5610, -54.5066, 29.3260



131.5890, 39.6426, -115.4036



162.0570, 24.1289, 54.3240

Complementary

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



151.5610, -54.5066, 29.3260



74.4390, 54.5066, -29.3260

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.



160.5800, 44.0841, 0.3683



151.5610, -54.5066, 29.3260



132.5130, 58.4141, -116.2139

Square

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



151.5610, -54.5066, 29.3260



126.0200, 15.7661, -110.5195



125.3380, 63.9234, -109.9214



157.1690, 0.9027, 84.0438

Rectangle

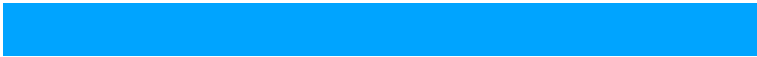
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.5610, -54.5066, 29.3260



139.5200, -25.8924, -48.6910



125.3380, 63.9234, -109.9214



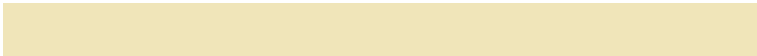
162.7930, 31.1611, 38.7695

Sweetspot

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



151.5610, -54.5066, 29.3260



227.2730, -20.8406, 11.1616



87.5900, -7.6859, 85.4286



112.0150, -12.8254, 7.0028



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151.5610, -54.5066, 29.3260



188.1630, -84.3834, 45.4610



156.3250, -56.8552, -10.8090



89.8000, -3.3524, 1.9294



119.4320, -58.8800, 32.0701



21.2860, -10.4940, 5.8882

Inverse Universe

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



74.4390, 54.5066, -29.3260



68.8370, 84.3834, -45.4610



69.6750, 56.8552, 10.8090



84.6130, 3.6418, -1.4146



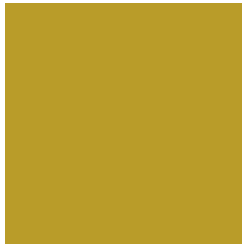
35.9810, 59.1694, -31.5553



6.7140, 10.4940, -5.8882

Previews

White Background



This preview shows how the YUV color 151.5610, -54.5066, 29.3260 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 151.5610, -54.5066, 29.3260 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 151.5610, -54.5066, 29.3260

Background



This preview shows how black text looks on a background with the YUV color 151.5610, -54.5066, 29.3260.



This preview shows how white text looks on a background with the YUV color 151.5610, -54.5066, 29.3260.

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

151.5610, -54.5066, 29.3260

Protanopia

151.3430, -53.9061, 23.3782

Deuteranopia

152.5670, -53.5235, 40.7217



Tritanopia

161.3070, -2.1234, 27.7948

Trichromacy



Original Color

151.5610, -54.5066, 29.3260

Protanomaly

151.6530, -54.0589, 25.7373

Deuteranomaly

152.1320, -53.8021, 36.7182

Tritanomaly

157.9700, -21.1842, 28.0903

Monochromacy



Original Color

151.5610, -54.5066, 29.3260

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.6150, -19.5302, 10.8616

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5610, -54.5066, 29.3260 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(185, 156, 41)` looks like.

```
.text, #text, p{  
    color:rgb(185, 156, 41)  
}
```

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(185, 156, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 156, 41) }
```

Border

The CSS property to change the border of an element to YUV 151.5610, -54.5066, 29.3260 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(185, 156, 41) }
```


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

```
.border{ border-color:rgb(185, 156, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 156, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 156, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 156, 41);  
box-shadow:4px 4px 4px 4px rgb(185, 156,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 151.5610, -54.5066, 29.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 156, 41) }
```

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

```
.background{ background-color: rgb(185,  
156, 41) }
```

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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