

Converting Colors

YUV(142.7050, 10.4984,
-54.1153)

Have a look what the booklet for
YUV(142.7050, 10.4984, -54.1153)
contains.

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Color

**YUV(142.7050, 10.4984,
-54.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	51AAA4
RGB	81, 170, 164
RGB Percent	32%, 67%, 64%
CMY	0.6824, 0.3333, 0.3569
CMYK	0.52, 0.00, 0.04, 0.33
HSL	176°, 35%, 49%
HSV	176°, 52%, 67%
XYZ	24.4689, 33.1791, 40.2365
YIQ	142.7050, -51.1180, -20.7340

Conversions

Conversions Part 2

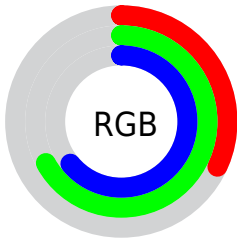
Format	Color
RYB	81, 127, 170
Decimal	5352100
CIELab	64.31, -28.07, -5.06
CIELCh	64, 28.524, 190.225
Yxy	33.1791, 0.2500, 0.3390
Android (android.graphics.Color)	4283542180 (0xFF51AAA4)
YUV	142.7050, 10.4984, -54.1153
Hunter-Lab	57.6013, -24.9759, -1.0952

Details

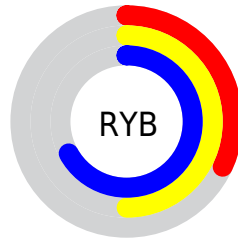
The YUV color **142.7050, 10.4984, -54.1153** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **108.2950, -10.4984, 54.1153**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5910, 10.0616, -54.0153**, and **84.7360, 13.4412, -64.6665** is the 20% darker color. If you saturate the color by 10%, you get **137.5080, 12.5676, -64.4665**, and if you desaturate by 10%, it is **147.9020, 8.4293, -43.7641**.

Distribution



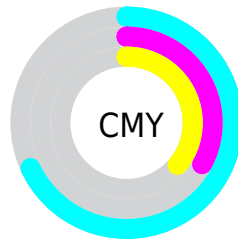
- Red (32%)
- Green (67%)
- Blue (64%)



- Red (32%)
- Yellow (50%)
- Blue (67%)



- Cyan (52%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (68%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.7050, 10.4984, -54.1153 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 142.7050, 10.4984, -54.1153 by changing the saturation by 10% instead.

■ 142.7050, 10.4984,
-54.1153

■ 142.7050, 10.4984,
-54.1153

■ 255.0000, 0.0000,
0.0000

■ 114.9220, 11.3775,
-56.0596

■ 198.5910, 10.0616,
-54.0153

■ 84.7360, 13.4412,
-64.6665

■ 226.8900, 9.9142,
-53.4005

■ 64.0360, 11.8143,
-56.1596

■ 236.7610, 8.9918,
-37.5014

■ 47.3260, 8.7133,
-41.5049

■ 245.7310, 4.5696,
-19.0581

■ 31.3170, 5.7597,
-27.4650

■ 254.4020, 0.2948,
-1.2296

■ 16.5960, 2.6642,
-14.5547

■ 0.0000, 0.0000,

0.0000

■ 142.7050, 10.4984,
-54.1153

■ 142.7050, 10.4984,
-54.1153

■ 137.5080, 12.5676,
-64.4665

■ 147.9020, 8.4293,
-43.7641

■ 132.3110, 14.6367,
-74.8177

■ 153.0990, 6.3602,
-33.4128

■ 127.1140, 16.7058,
-85.1690

■ 158.2960, 4.2911,
-23.0616

■ 121.8030, 18.3381,
-95.4202

■ 163.6070, 2.6587,
-12.8103

■ 117.9160, 20.2544,
-103.4123

■ 168.8040, 0.5896,
-2.4591

■ 174.0010, -1.4795,
7.8921

■ 179.1980, -3.5486,
18.2434

■ 184.3950, -5.6177,
28.5946

■ 189.5920, -7.6869,
38.9458

Harmonies

Analogous

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



146.9280, -4.4015, -35.0169



142.7050, 10.4984, -54.1153



142.1740, 22.5922, -59.7886

Triad

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



142.7050, 10.4984, -54.1153



159.0610, 17.7179, 10.4705



155.9870, -23.6576, 28.0754

Complementary

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



142.7050, 10.4984, -54.1153



108.2950, -10.4984, 54.1153

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.



157.6000, -16.5648, 39.8158



142.7050, 10.4984, -54.1153



159.7340, 7.0331, 30.9283

Square

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



142.7050, 10.4984, -54.1153



154.8340, 25.2248, -17.3944



158.8850, -5.3663, 41.3199



153.4640, -23.8928, 10.1171

Rectangle

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



142.7050, 10.4984, -54.1153



145.8530, 26.2015, -50.7371



158.8850, -5.3663, 41.3199



156.8890, -21.6373, 33.4233

Sweetspot

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



142.7050, 10.4984, -54.1153



210.8940, 3.9963, -21.8320



135.3360, -26.7876, -41.5137



105.6070, 2.6587, -12.8103



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



142.7050, 10.4984, -54.1153



179.0000, 16.2690, -85.0690



121.6700, 23.8267, -35.6676



81.6080, 1.1793, -4.9182



102.6080, 17.4483, -89.9872



13.9060, 2.5113, -12.1956

Inverse Universe

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



108.2950, -10.4984, 54.1153



125.0000, -16.2690, 85.0690



129.3300, -23.8267, 35.6676



78.3920, -1.1793, 4.9182



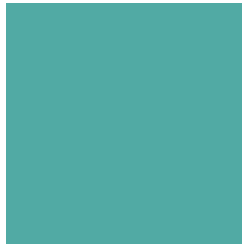
45.3920, -17.4483, 89.9872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 142.7050, 10.4984, -54.1153 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 142.7050, 10.4984, -54.1153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

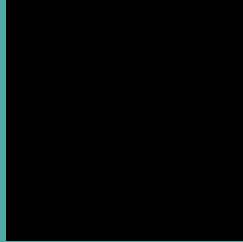
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.7050, 10.4984, -54.1153

Background



This preview shows how black text looks on a background with the YUV color 142.7050, 10.4984, -54.1153.



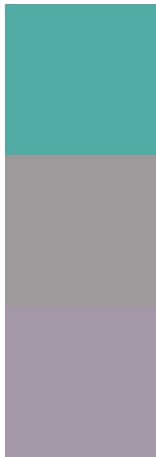
This preview shows how white text looks on a background with the YUV color 142.7050, 10.4984, -54.1153.

-54.1153.

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

142.7050, 10.4984, -54.1153

Protanopia

155.3100, -0.1528, 2.3591

Deuteranopia

156.8250, 5.5093, 6.2925



Tritanopia

144.6760, 17.9077, -50.5819

Trichromacy



Original Color

142.7050, 10.4984, -54.1153

Protanomaly

150.8020, 3.5486, -18.2434

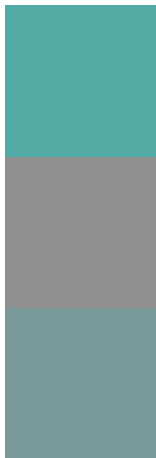
Deuteranomaly

151.8500, 7.4690, -15.6544

Tritanomaly

143.9810, 15.2924, -51.7263

Monochromacy



Original Color

142.7050, 10.4984, -54.1153

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.9050, 3.9908, -20.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.7050, 10.4984, -54.1153 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(81, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(81, 170, 164)  
}
```

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(81, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 170, 164) }
```

Border

The CSS property to change the border of an element to YUV 142.7050, 10.4984, -54.1153 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(81, 170, 164) }
```


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

```
.border{ border-color:rgb(81, 170, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(81, 170,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 142.7050, 10.4984, -54.1153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 170, 164) }
```

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

```
.background{ background-color: rgb(81, 170,  
164) }
```

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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