

Converting Colors

YUV(140.2490, 8.7512,
-53.7154)

Have a look what the booklet for
YUV(140.2490, 8.7512, -53.7154)
contains.

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Color

**YUV(140.2490, 8.7512,
-53.7154)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA89E
RGB	79, 168, 158
RGB Percent	31%, 66%, 62%
CMY	0.6902, 0.3412, 0.3804
CMYK	0.53, 0.00, 0.06, 0.34
HSL	173°, 36%, 48%
HSV	173°, 53%, 66%
XYZ	23.3986, 32.1362, 37.3174
YIQ	140.2490, -49.8340, -21.9780

Conversions

Conversions Part 2

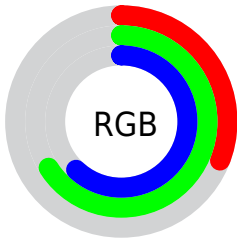
Format	Color
RYB	79, 126, 168
Decimal	5220510
CIELab	63.46, -29.11, -2.97
CIElCh	63, 29.263, 185.828
Yxy	32.1362, 0.2520, 0.3461
Android (android.graphics.Color)	4283410590 (0xFF4FA89E)
YUV	140.2490, 8.7512, -53.7154
Hunter-Lab	56.6888, -25.5283, 0.6524

Details

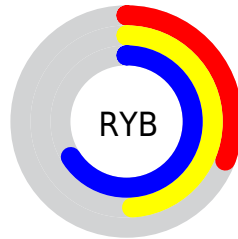
The YUV color **140.2490, 8.7512, -53.7154** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **106.7510, -8.7512, 53.7154**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1350, 8.3144, -53.6154**, and **81.7960, 12.4256, -65.5961** is the 20% darker color. If you saturate the color by 10%, you get **134.9380, 10.3836, -63.9666**, and if you desaturate by 10%, it is **145.5600, 7.1189, -43.4641**.

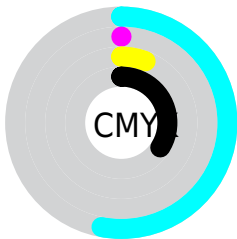
Distribution



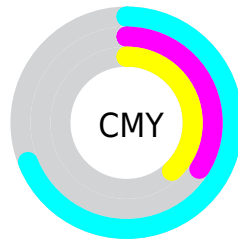
- Red (31%)
- Green (66%)
- Blue (62%)



- Red (31%)
- Yellow (49%)
- Blue (66%)



- Cyan (53%)
- Magenta (0%)
- Yellow (6%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.2490, 8.7512, -53.7154 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 140.2490, 8.7512, -53.7154 by changing the saturation by 10% instead.


 140.2490, 8.7512,
-53.7154

 140.2490, 8.7512,
-53.7154


255.0000, 0.0000,
0.0000


 112.4660, 9.6303,
-55.6597

 196.1350, 8.3144,
-53.6154

 81.7960, 12.4256,
-65.5961


 224.1350, 8.3144,
-53.6154

 62.2920, 10.2090,
-54.6301

 236.1630, 9.2866,
-38.7310

 45.5820, 7.1081,
-39.9754

 244.8340, 5.0118,
-20.9024

 30.1600, 3.8651,
-26.4503

 253.8040, 0.5896,
-2.4591

 14.2650, 1.3484,
-12.5104

 0.0000, 0.0000,

0.0000

■ 140.2490, 8.7512,
-53.7154

■ 140.2490, 8.7512,
-53.7154

■ 134.9380, 10.3836,
-63.9666

■ 145.5600, 7.1189,
-43.4641

■ 129.6270, 12.0159,
-74.2179

■ 150.8710, 5.4866,
-33.2129

■ 124.6150, 13.5008,
-83.8544

■ 155.8830, 4.0017,
-23.5764

■ 119.3040, 15.1331,
-94.1056

■ 161.1940, 2.3694,
-13.3251

■ 115.6020, 16.4652,
-101.3830

■ 166.3910, 0.3002,
-2.9739

■ 171.7020, -1.3321,
7.2773

■ 177.0130, -2.9644,
17.5286

■ 182.0250, -4.4493,
27.1651

■ 187.3360, -6.0816,
37.4163

Harmonies

Analogous

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



144.6680, -6.7383, -32.1578



140.2490, 8.7512, -53.7154



138.9240, 21.7295, -63.0773

Triad

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



140.2490, 8.7512, -53.7154



156.4950, 19.4760, 6.5819



154.1230, -23.2316, 31.4641

Complementary

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



140.2490, 8.7512, -53.7154



106.7510, -8.7512, 53.7154

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.



155.2520, -15.4072, 41.8750



140.2490, 8.7512, -53.7154



157.4780, 8.6383, 29.3988

Square

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



140.2490, 8.7512, -53.7154



151.7410, 26.2567, -21.6979



156.6400, -3.7665, 41.5347



151.9590, -24.6298, 13.1910

Rectangle

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



140.2490, 8.7512, -53.7154



141.9340, 26.6545, -56.0701



156.6400, -3.7665, 41.5347



154.3130, -21.3533, 35.6825

Sweetspot

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



140.2490, 8.7512, -53.7154



208.0790, 3.4121, -21.1173



134.2330, -27.2299, -39.6693



103.3790, 1.7852, -12.6104



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.2490, 8.7512, -53.7154



175.4300, 14.0850, -84.5691



121.4310, 22.9585, -37.2120



81.4940, 0.7425, -4.8182



101.8100, 14.3907, -89.2874



13.7920, 2.0745, -12.0956

Inverse Universe

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



106.7510, -8.7512, 53.7154



122.6840, -13.6482, 84.4691



125.5690, -22.9585, 37.2120



78.5060, -0.7425, 4.8182



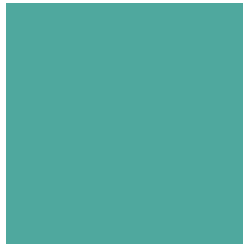
46.1900, -14.3907, 89.2874



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 140.2490, 8.7512, -53.7154 looks on a white background.

Color Contrast Check

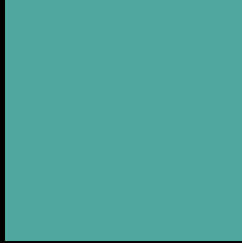
Large Text (above 18pt) WCAG AA × Fail

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 140.2490, 8.7512, -53.7154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

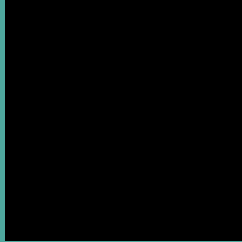
Any Text WCAG AA ✓ Pass

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 140.2490, 8.7512, -53.7154 Background



This preview shows how black text looks on a background with the YUV color 140.2490, 8.7512, -53.7154.



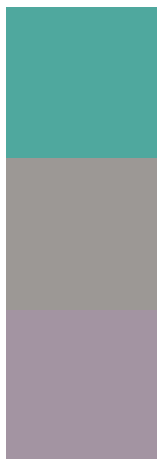
This preview shows how white text looks on a background with the YUV color 140.2490, 8.7512,

-53.7154.

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

140.2490, 8.7512, -53.7154

Protanopia

152.8540, -1.9000, 2.7590

Deuteranopia

154.0810, 3.9041, 7.8220



Tritanopia

142.8610, 17.3235, -49.8671

Trichromacy



Original Color

140.2490, 8.7512, -53.7154

Protanomaly

148.3460, 1.8014, -17.8434

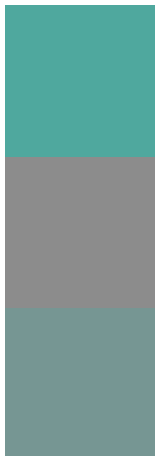
Deuteranomaly

148.8070, 6.0111, -14.7397

Tritanomaly

141.7530, 14.4188, -51.5264

Monochromacy



Original Color

140.2490, 8.7512, -53.7154

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0900, 3.4066, -19.3729

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2490, 8.7512, -53.7154 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(79, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(79, 168, 158)  
}
```

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(79, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 168, 158) }
```

Border

The CSS property to change the border of an element to YUV 140.2490, 8.7512, -53.7154 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(79, 168, 158) }
```


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

```
.border{ border-color:rgb(79, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(79, 168,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 140.2490, 8.7512, -53.7154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 168, 158) }
```

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

```
.background{ background-color: rgb(79, 168,  
158) }
```

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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