

Converting Colors

YUV(113.7810, -8.2730,
-53.3049)

Have a look what the booklet for
YUV(113.7810, -8.2730, -53.3049)
contains.

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Color

**YUV(113.7810, -8.2730,
-53.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	359461
RGB	53, 148, 97
RGB Percent	21%, 58%, 38%
CMY	0.7922, 0.4196, 0.6196
CMYK	0.64, 0.00, 0.34, 0.42
HSL	148°, 47%, 39%
HSV	148°, 64%, 58%
XYZ	14.2158, 22.7998, 14.9608
YIQ	113.7810, -40.2490, -36.0010

Conversions

Conversions Part 2

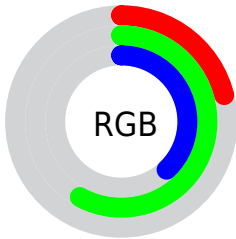
Format	Color
RYB	53, 118, 148
Decimal	3511393
CIELab	54.87, -40.05, 18.98
CIElCh	55, 44.316, 154.644
Yxy	22.7998, 0.2735, 0.4387
Android (android.graphics.Color)	4281701473 (0xFF359461)
YUV	113.7810, -8.2730, -53.3049
Hunter-Lab	47.7491, -30.4182, 14.8475

Details

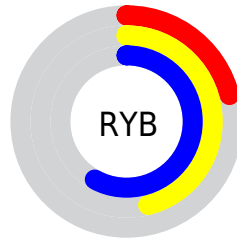
The YUV color **113.7810, -8.2730, -53.3049** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87.2190, 8.2730, 53.3049**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9230, -10.3150, -51.6755**, and **62.0520, -5.9416, -54.4196** is the 20% darker color. If you saturate the color by 10%, you get **108.3840, -9.5563, -61.7268**, and if you desaturate by 10%, it is **119.1780, -6.9898, -44.8831**.

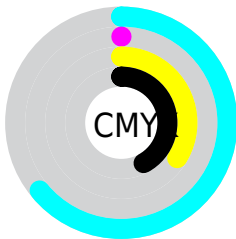
Distribution



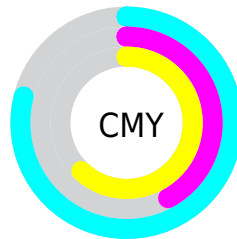
- Red (21%)
- Green (58%)
- Blue (38%)



- Red (21%)
- Yellow (46%)
- Blue (58%)



- Cyan (64%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)



- Cyan (79%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7810, -8.2730, -53.3049 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 113.7810, -8.2730, -53.3049 by changing the saturation by 10% instead.

■ 113.7810, -8.2730,
-53.3049

■ 113.7810, -8.2730,
-53.3049

255.0000, 0.0000,
0.0000

■ 85.0190, -5.9254,
-59.6527

■ 168.9230,
-10.3150, -51.6755

■ 62.0520, -5.9416,
-54.4196

■ 196.8090,
-10.7518, -51.5755

■ 45.4560, -8.6058,
-39.8649

■ 222.3470,
-10.0311, -49.4163

■ 28.7460, -11.7068,
-25.2102

■ 233.9110, -1.9281,
-35.0019

■ 15.2620, -7.5242,
-13.3848

■ 245.4320, 4.7170,
-19.6729

■ 0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 113.7810, -8.2730,
-53.3049

■ 113.7810, -8.2730,
-53.3049

■ 108.3840, -9.5563,
-61.7268

■ 119.1780, -6.9898,
-44.8831

■ 102.9870,
-10.8396, -70.1486

■ 124.5750, -5.7065,
-36.4613

■ 97.8890, -12.2703,
-77.9557

■ 129.6730, -4.2758,
-28.6542

■ 94.7420, -12.6908,
-83.0887

■ 135.0700, -2.9925,
-20.2324

■ 140.4670, -1.7092,
-11.8106

■ 145.8640, -0.4260,
-3.3887

■ 151.2610, 0.8573,
5.0331

■ 156.3590, 2.2880,
12.8402

■ 161.7560, 3.5713,
21.2620

Harmonies

Analogous

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



123.0560, -28.6216, -13.2041



113.7810, -8.2730, -53.3049



104.1410, 15.7065, -91.3317

Triad

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



113.7810, -8.2730, -53.3049



123.3110, 41.7517, -44.9997



130.8090, -20.1188, 59.8035

Complementary

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



113.7810, -8.2730, -53.3049



87.2190, 8.2730, 53.3049

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.



132.4020, -2.6632, 61.0374



113.7810, -8.2730, -53.3049



134.5410, 29.8063, 6.5415

Square

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



113.7810, -8.2730, -53.3049



107.3280, 45.6873, -94.1267



134.5750, 14.9995, 42.4687



129.2680, -33.1631, 43.6150

Rectangle

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



113.7810, -8.2730, -53.3049



106.5180, 27.3526, -93.4163



134.5750, 14.9995, 42.4687



131.1990, -14.8881, 62.0925

Sweetspot

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



113.7810, -8.2730, -53.3049



178.0700, -2.9925, -20.2324



124.3130, -35.1573, -16.9375



89.0540, -1.9986, -12.3254



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



113.7810, -8.2730, -53.3049



138.0410, -12.8382, -82.4740



119.0250, 11.8197, -57.9039



71.4510, -0.7153, -3.9035



88.3020, -11.9809, -77.4409



6.4400, -0.7099, -5.6479

Inverse Universe

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



87.2190, 8.2730, 53.3049



96.9590, 12.8382, 82.4740



81.9750, -11.8197, 57.9039



69.5490, 0.7153, 3.9035



49.6980, 11.9809, 77.4409



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 113.7810, -8.2730, -53.3049 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 113.7810, -8.2730, -53.3049 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 113.7810, -8.2730, -53.3049

Background



This preview shows how black text looks on a background with the YUV color 113.7810, -8.2730, -53.3049.



This preview shows how white text looks on a background with the YUV color 113.7810, -8.2730,

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

113.7810, -8.2730, -53.3049

Protanopia

128.6150, -19.5302, 10.8616

Deuteranopia

130.7500, -14.1738, 19.5132



Tritanopia

121.7370, 15.4127, -43.6193

Trichromacy



Original Color

113.7810, -8.2730, -53.3049

Protanomaly

123.4980, -15.5285, -12.7147

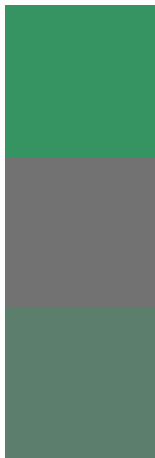
Deuteranomaly

124.4540, -12.0558, -6.5372

Tritanomaly

119.1250, 6.8404, -47.4676

Monochromacy



Original Color

113.7810, -8.2730, -53.3049

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7820, -2.8505, -19.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7810, -8.2730, -53.3049 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(53, 148, 97)` looks like.

```
.text, #text, p{  
    color:rgb(53, 148, 97)  
}
```

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(53, 148, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 148, 97) }
```

Border

The CSS property to change the border of an element to YUV 113.7810, -8.2730, -53.3049 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(53, 148, 97) }
```


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

```
.border{ border-color:rgb(53, 148, 97) }
```

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

Here you see how a box with a 4 pixel rgb(53, 148, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 148, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 148, 97);  
box-shadow:4px 4px 4px 4px rgb(53, 148,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 113.7810, -8.2730, -53.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 148, 97) }
```

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

```
.background{ background-color: rgb(53, 148,  
97) }
```

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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