

Converting Colors

YUV(132.9010, -10.3042,
-55.1642)

Have a look what the booklet for
YUV(132.9010, -10.3042, -55.1642)
contains.

YUV(132.9010, -10.3042, -55.1642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.9010, -10.3042,
-55.1642)**

Conversions

Conversions Part 1

Format	Color
Hex	46A970
RGB	70, 169, 112
RGB Percent	27%, 66%, 44%
CMY	0.7255, 0.3373, 0.5608
CMYK	0.59, 0.00, 0.34, 0.34
HSL	145°, 41%, 47%
HSV	145°, 59%, 66%
XYZ	19.6384, 30.8479, 20.2484
YIQ	132.9010, -40.7070, -38.7150

Conversions

Conversions Part 2

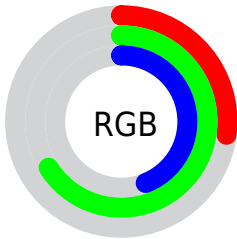
Format	Color
RYB	70, 140, 169
Decimal	4630896
CIELab	62.38, -42.25, 20.98
CIElCh	62, 47.170, 153.594
Yxy	30.8479, 0.2776, 0.4361
Android (android.graphics.Color)	4282820976 (0xFF46A970)
YUV	132.9010, -10.3042, -55.1642
Hunter-Lab	55.5409, -34.0817, 17.2634

Details

The YUV color **132.9010, -10.3042, -55.1642** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **106.0990, 10.3042, 55.1642**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7440, -12.1988, -54.1495**, and **75.3880, -5.6143, -66.1153** is the 20% darker color. If you saturate the color by 10%, you get **126.6780, -12.1663, -64.6156**, and if you desaturate by 10%, it is **139.1240, -8.4421, -45.7127**.

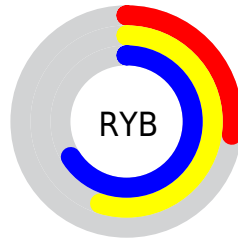
Distribution



Red (27%)

Green (66%)

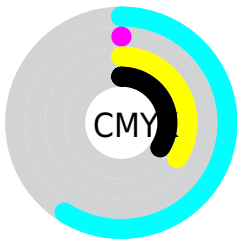
Blue (44%)



Red (27%)

Yellow (55%)

Blue (66%)

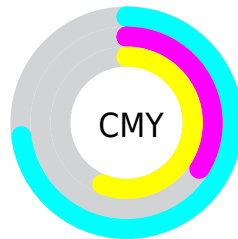


Cyan (59%)

Magenta (0%)

Yellow (34%)

Black (34%)



Cyan (73%)

Magenta (34%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.9010, -10.3042, -55.1642 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 132.9010, -10.3042, -55.1642 by changing the saturation by 10% instead.

■ 132.9010,
-10.3042, -55.1642

■ 132.9010,
-10.3042, -55.1642

■ 255.0000, 0.0000,
0.0000

■ 104.9330, -8.8410,
-57.8232

■ 188.7440,
-12.1988, -54.1495

■ 75.3880, -5.6143,
-66.1153

■ 217.2170,
-12.9250, -54.5643

■ 58.0910, -8.4259,
-50.9458

■ 229.3680, -5.1114,
-40.6647

■ 40.9080, -10.8006,
-35.8763

■ 241.3450, 3.2809,
-25.7356

■ 25.8280, -12.7332,
-22.6512

■ 251.1130, 1.9163,
-7.9921

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,

0.0000

■ 132.9010,
-10.3042, -55.1642

■ 132.9010,
-10.3042, -55.1642

■ 126.6780,
-12.1663, -64.6156

■ 139.1240, -8.4421,
-45.7127

■ 120.5690,
-13.5915, -74.1670

■ 145.2330, -7.0169,
-36.1613

■ 114.3460,
-15.4536, -83.6184

■ 151.4560, -5.1548,
-26.7099

■ 108.1230,
-17.3156, -93.0699

■ 157.6790, -3.2927,
-17.2585

■ 107.4110,
-17.4576, -94.1994

■ 163.6030, -1.2833,
-8.4218

■ 169.7120, 0.1420,
1.1296

■ 175.9350, 2.0040,
10.5810

■ 182.1580, 3.8661,
20.0324

■ 188.3810, 5.7282,
29.4839

Harmonies

Analogous

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



141.9590, -31.5318, -13.1190



132.9010, -10.3042, -55.1642



118.6340, 17.9284, -104.0420

Triad

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



132.9010, -10.3042, -55.1642



142.4890, 45.1149, -50.4179



150.7990, -21.5929, 65.9513

Complementary

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



132.9010, -10.3042, -55.1642



106.0990, 10.3042, 55.1642

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.



152.4350, -2.6795, 66.2705



132.9010, -10.3042, -55.1642



154.0400, 33.0113, 5.2269

Square

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



132.9010, -10.3042, -55.1642



122.5050, 50.5300, -107.4369



155.0530, 16.7359, 45.5575



149.2040, -36.0896, 48.9331

Rectangle

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



132.9010, -10.3042, -55.1642



121.8260, 30.1588, -106.8414



155.0530, 16.7359, 45.5575



151.4170, -15.4886, 68.0403

Sweetspot

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



132.9010, -10.3042, -55.1642



204.8310, -3.8607, -21.7768



145.4550, -37.1993, -15.3080



101.2280, -2.5774, -13.3550



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.



132.9010, -10.3042, -55.1642



163.2210, -15.8850, -85.2628



138.4870, 11.0989, -60.0631



81.0380, -1.0047, -4.4183



94.0580, -15.3116, -82.4889



12.7660, -1.8566, -11.1958

Inverse Universe

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



106.0990, 10.3042, 55.1642



121.7790, 15.8850, 85.2628



100.5130, -11.0989, 60.0631



78.9620, 1.0047, 4.4183



53.9420, 15.3116, 82.4889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 132.9010, -10.3042, -55.1642 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 132.9010, -10.3042, -55.1642 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 132.9010, -10.3042, -55.1642 Background



This preview shows how black text looks on a background with the YUV color 132.9010, -10.3042, -55.1642.



This preview shows how white text looks on a background with the YUV color 132.9010, -10.3042, -55.1642.

-55.1642.

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

132.9010, -10.3042, -55.1642

Protanopia

148.3440, -21.8616, 11.9763

Deuteranopia

150.3050, -15.9264, 21.6575



Tritanopia

140.9540, 16.2917, -45.5637

Trichromacy



Original Color

132.9010, -10.3042, -55.1642

Protanomaly

142.9280, -17.7125, -12.2149

Deuteranomaly

143.9980, -13.8030, -6.1372

Tritanomaly

138.0000, 6.4090, -49.1120

Monochromacy



Original Color

132.9010, -10.3042, -55.1642

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8420, -3.8661, -20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9010, -10.3042, -55.1642 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(70, 169, 112)` looks like.

```
.text, #text, p{  
    color:rgb(70, 169, 112)  
}
```

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(70, 169, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 169, 112) }
```

Border

The CSS property to change the border of an element to YUV 132.9010, -10.3042, -55.1642 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(70, 169, 112) }
```


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

```
.border{ border-color:rgb(70, 169, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 169, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 169, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 169, 112);  
box-shadow:4px 4px 4px 4px rgb(70, 169,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 132.9010, -10.3042, -55.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 169, 112) }
```

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

```
.background{ background-color: rgb(70, 169,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor