

Converting Colors

YUV(130.5940, 15.4832,
-66.2959)

Have a look what the booklet for
YUV(130.5940, 15.4832, -66.2959)
contains.

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Color

**YUV(130.5940, 15.4832,
-66.2959)**

Conversions

Conversions Part 1

Format	Color
Hex	37A3A2
RGB	55, 163, 162
RGB Percent	22%, 64%, 64%
CMY	0.7843, 0.3608, 0.3647
CMYK	0.66, 0.00, 0.01, 0.36
HSL	179°, 50%, 43%
HSV	179°, 66%, 64%
XYZ	21.1943, 29.6152, 38.7817
YIQ	130.5940, -64.0470, -23.2070

Conversions

Conversions Part 2

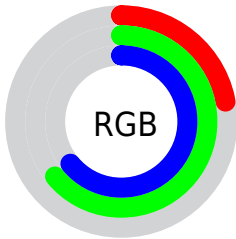
Format	Color
RYB	55, 109, 163
Decimal	3646370
CIELab	61.32, -30.08, -8.46
CIELCh	61, 31.245, 195.707
Yxy	29.6152, 0.2366, 0.3306
Android (android.graphics.Color)	4281836450 (0xFF37A3A2)
YUV	130.5940, 15.4832, -66.2959
Hunter-Lab	54.4199, -25.7163, -4.1584

Details

The YUV color **130.5940, 15.4832, -66.2959** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.4060, -15.4832, 66.2959**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3880, 14.5987, -62.6073**, and **77.6970, 15.9254, -68.1403** is the 20% darker color. If you saturate the color by 10%, you get **125.8100, 17.8417, -76.1324**, and if you desaturate by 10%, it is **135.3780, 13.1246, -56.4595**.

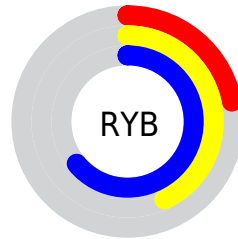
Distribution



Red (22%)

Green (64%)

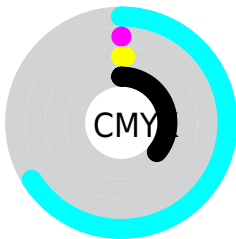
Blue (64%)



Red (22%)

Yellow (43%)

Blue (64%)

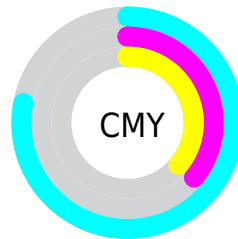


Cyan (66%)

Magenta (0%)

Yellow (1%)

Black (36%)



Cyan (78%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.5940, 15.4832, -66.2959 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 130.5940, 15.4832, -66.2959 by changing the saturation by 10% instead.

■ 130.5940, 15.4832,
-66.2959

■ 130.5940, 15.4832,
-66.2959

■ 255.0000, 0.0000,
0.0000

■ 97.4290, 19.0155,
-79.3062

■ 187.3880, 14.5987,
-62.6073

■ 77.6970, 15.9254,
-68.1403

■ 216.2740, 14.1619,
-62.5073

■ 60.2860, 12.6770,
-52.8708

■ 230.7810, 11.9400,
-49.7969

■ 43.5760, 9.5760,
-38.2162

■ 239.7510, 7.5178,
-31.3536

■ 28.1540, 6.3331,
-24.6911

■ 248.7210, 3.0955,
-12.9103

■ 8.2640, 6.2788,
-7.2475

■ 0.0000, 0.0000,

0.0000

■ 130.5940, 15.4832,
-66.2959

■ 130.5940, 15.4832,
-66.2959

■ 125.8100, 17.8417,
-76.1324

■ 135.3780, 13.1246,
-56.4595

■ 120.7270, 20.3476,
-86.5836

■ 140.4610, 10.6187,
-46.0083

■ 115.9430, 22.7061,
-96.4200

■ 145.2450, 8.2602,
-36.1719

■ 114.0350, 23.1537,
-100.0087

■ 150.1430, 6.3385,
-26.4354

■ 155.2260, 3.8326,
-15.9842

■ 160.0100, 1.4741,
-6.1478

■ 164.7940, -0.8844,
3.6887

■ 169.5780, -3.2430,
13.5251

■ 174.6610, -5.7489,
23.9763

Harmonies

Analogous

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



136.2690, -1.6116, -43.2089



130.5940, 15.4832, -66.2959



131.0740, 27.5715, -70.2249

Triad

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



130.5940, 15.4832, -66.2959



151.9800, 17.2649, 15.8035



147.4060, -25.8362, 26.8309

Complementary

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



130.5940, 15.4832, -66.2959



87.4060, -15.4832, 66.2959

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.



149.5140, -19.4804, 41.6452



130.5940, 15.4832, -66.2959



151.6100, 5.1223, 37.1760

Square

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



130.5940, 15.4832, -66.2959



148.0840, 26.0876, -14.1057



150.5220, -8.1453, 46.0232



144.8010, -25.0449, 6.3135

Rectangle

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



130.5940, 15.4832, -66.2959



136.8570, 30.1435, -55.1256



150.5220, -8.1453, 46.0232



148.3790, -24.8368, 32.9936

Sweetspot

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



130.5940, 15.4832, -66.2959



199.0290, 5.9017, -26.3354



118.9940, -31.5490, -54.3687



99.2260, 3.8326, -15.9842



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



130.5940, 15.4832, -66.2959



160.9420, 24.1856, -104.3121



100.1840, 30.9683, -39.6264



79.3090, 1.3267, -5.5330



101.5310, 20.9372, -89.0427



12.6180, 2.6533, -11.0660

Inverse Universe

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



87.4060, -15.4832, 66.2959



93.0580, -24.1856, 104.3121



117.8160, -30.9683, 39.6264



75.8050, -0.8899, 5.4330



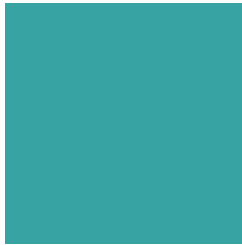
43.4690, -20.9372, 89.0427



5.3820, -2.6533, 11.0660

Previews

White Background



This preview shows how the YUV color 130.5940, 15.4832, -66.2959 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 130.5940, 15.4832, -66.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

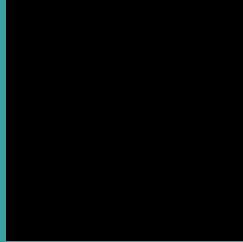
Any Text WCAG AA ✓ Pass

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 130.5940, 15.4832, -66.2959 Background



This preview shows how black text looks on a background with the YUV color 130.5940, 15.4832, -66.2959.



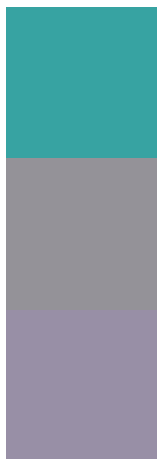
This preview shows how white text looks on a background with the YUV color 130.5940, 15.4832, -66.2959.

-66.2959.

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

130.5940, 15.4832, -66.2959

Protanopia

147.2820, 2.3260, 0.6297

Deuteranopia

148.3130, 8.7197, 3.2335



Tritanopia

132.5820, 20.4191, -62.7774

Trichromacy



Original Color

130.5940, 15.4832, -66.2959

Protanomaly

141.0940, 7.3487, -23.7614

Deuteranomaly

141.8430, 11.4164, -21.7873

Tritanomaly

132.1150, 18.6773, -64.1219

Monochromacy



Original Color

130.5940, 15.4832, -66.2959

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9260, 5.4595, -24.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.5940, 15.4832, -66.2959 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(55, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(55, 163, 162)  
}
```

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(55, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 163, 162) }
```

Border

The CSS property to change the border of an element to YUV 130.5940, 15.4832, -66.2959 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(55, 163, 162) }
```


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

```
.border{ border-color:rgb(55, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(55, 163,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 130.5940, 15.4832, -66.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 163, 162) }
```

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

```
.background{ background-color: rgb(55, 163,  
162) }
```

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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