

Converting Colors

YUV(159.2940, -12.9629,
-42.3538)

Have a look what the booklet for
YUV(159.2940, -12.9629, -42.3538)
contains.

YUV(159.2940, -12.9629, -42.3538)	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(159.2940, -12.9629,
-42.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	6FBD85
RGB	111, 189, 133
RGB Percent	44%, 74%, 52%
CMY	0.5647, 0.2588, 0.4784
CMYK	0.41, 0.00, 0.30, 0.26
HSL	137°, 37%, 59%
HSV	137°, 41%, 74%
XYZ	28.9868, 41.4682, 28.6667
YIQ	159.2940, -28.5120, -33.9520

Conversions

Conversions Part 2

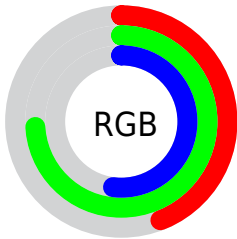
Format	Color
RYB	111, 172, 189
Decimal	7323013
CIELab	70.50, -36.30, 20.96
CIELCh	71, 41.916, 150.000
Yxy	41.4682, 0.2924, 0.4184
Android (android.graphics.Color)	4285513093 (0xFF6FBD85)
YUV	159.2940, -12.9629, -42.3538
Hunter-Lab	64.3958, -32.3435, 18.6833

Details

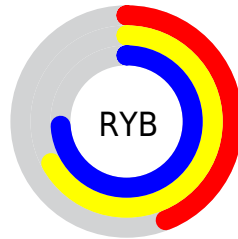
The YUV color **159.2940, -12.9629, -42.3538** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **140.7060, 12.9629, 42.3538**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2400, -14.4153, -43.1835**, and **105.7500, -11.2157, -42.7537** is the 20% darker color. If you saturate the color by 10%, you get **152.0170, -16.2774, -52.6349**, and if you desaturate by 10%, it is **166.5710, -9.6485, -32.0728**.

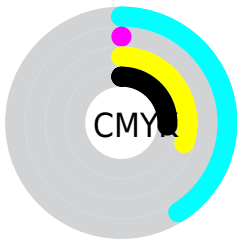
Distribution



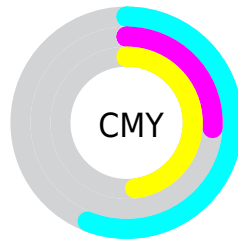
- Red (44%)
- Green (74%)
- Blue (52%)



- Red (44%)
- Yellow (67%)
- Blue (74%)



- Cyan (41%)
- Magenta (0%)
- Yellow (30%)
- Black (26%)



- Cyan (56%)
- Magenta (26%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2940, -12.9629, -42.3538 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 159.2940, -12.9629, -42.3538 by changing the saturation by 10% instead.

■ 159.2940,
-12.9629, -42.3538

■ 159.2940,
-12.9629, -42.3538

■ 255.0000, 0.0000,
0.0000

■ 132.5220,
-12.0893, -42.5538

■ 215.2400,
-14.4153, -43.1835

■ 105.7500,
-11.2157, -42.7537

■ 232.0870, -8.9169,
-33.4023

■ 79.1950, -9.4631,
-44.8980

■ 244.0640, -0.5246,
-18.4731

■ 53.5260, -8.1473,
-46.9423

■ 254.1030, 0.4422,
-1.8443

■ 37.0440, -10.3747,
-32.4876

■ 22.8930, -11.2862,
-20.0772

■ 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 159.2940,
-12.9629, -42.3538

■ 159.2940,
-12.9629, -42.3538

■ 152.0170,
-16.2774, -52.6349

■ 166.5710, -9.6485,
-32.0728

■ 144.8540,
-19.1550, -63.0160

■ 173.7340, -6.7709,
-21.6917

■ 137.5770,
-22.4695, -73.2970

■ 181.0110, -3.4564,
-11.4106

■ 130.4140,
-25.3471, -83.6781

■ 188.1740, -0.5788,
-1.0296

■ 123.4360,
-28.8089, -93.3444

■ 195.4510, 2.7357,
9.2515

■ 116.9850,
-31.5446, -102.5958

■ 202.3150, 5.7607,
19.0177

■ 209.5920, 9.0751,
29.2988

■ 214.7760, 13.4214,
35.2764

■ 216.2580, 19.0998,
33.9767

Harmonies

Analogous

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



165.7470, -29.9483, -7.6711



159.2940, -12.9629, -42.3538



146.8490, 11.9064, -85.8136

Triad

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



159.2940, -12.9629, -42.3538



165.3710, 40.7361, -45.9294



173.5750, -18.5245, 61.7627

Complementary

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



159.2940, -12.9629, -42.3538



140.7060, 12.9629, 42.3538

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.



175.8470, -0.9106, 58.8932



159.2940, -12.9629, -42.3538



175.4370, 30.8436, 0.4938

Square

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



159.2940, -12.9629, -42.3538



139.9020, 48.3623, -112.1701



177.2970, 16.6156, 37.4505



172.2300, -32.1584, 48.0333

Rectangle

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



159.2940, -12.9629, -42.3538



135.1620, 30.4861, -118.5371



177.2970, 16.6156, 37.4505



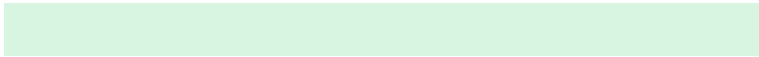
174.3670, -12.9989, 62.8221

Sweetspot

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



159.2940, -12.9629, -42.3538



233.6360, -4.7505, -16.3438



173.8290, -30.9747, -5.1120



115.5490, -2.7357, -9.2515



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



159.2940, -12.9629, -42.3538



198.1910, -20.3072, -66.8195



163.6260, 3.6354, -46.1530



90.6250, -1.2941, -4.9331



97.8760, -26.0679, -85.8373



19.2230, -5.0399, -16.8586

Inverse Universe

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



140.7060, 12.9629, 42.3538



168.8090, 20.3072, 66.8195



136.3740, -3.6354, 46.1530



88.4890, 1.7309, 4.8331



60.2380, 26.5047, 85.7373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 159.2940, -12.9629, -42.3538 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 159.2940, -12.9629, -42.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

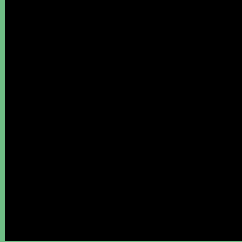
Any Text WCAG AA ✓ Pass

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 159.2940, -12.9629, -42.3538 Background



This preview shows how black text looks on a background with the YUV color 159.2940, -12.9629, -42.3538.



This preview shows how white text looks on a background with the YUV color 159.2940, -12.9629, -42.3538.

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

159.2940, -12.9629, -42.3538

Protanopia

169.6430, -22.0090, 12.5911

Deuteranopia

172.0880, -16.8054, 23.6018



Tritanopia

165.9660, 14.8068, -35.9272

Trichromacy



Original Color

159.2940, -12.9629, -42.3538

Protanomaly

166.0210, -18.7444, -7.9114

Deuteranomaly

167.5750, -15.5665, -0.5043

Tritanomaly

163.6100, 4.6293, -38.2460

Monochromacy



Original Color

159.2940, -12.9629, -42.3538

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.3480, -4.6086, -15.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2940, -12.9629, -42.3538 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(111, 189, 133)` looks like.

```
.text, #text, p{  
    color:rgb(111, 189, 133)  
}
```

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(111, 189, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 189, 133) }
```

Border

The CSS property to change the border of an element to YUV 159.2940, -12.9629, -42.3538 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(111, 189, 133) }
```


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

```
.border{ border-color:rgb(111, 189, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 189, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 189, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 189, 133);  
box-shadow:4px 4px 4px 4px rgb(111, 189,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 159.2940, -12.9629, -42.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 189, 133) }
```

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

```
.background{ background-color: rgb(111,  
189, 133) }
```

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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