

Converting Colors

YUV(155.7450, 6.5347,
-42.7494)

Have a look what the booklet for
YUV(155.7450, 6.5347, -42.7494)
contains.

YUV(155.7450, 6.5347, -42.7494)	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(155.7450, 6.5347,
-42.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB2A9
RGB	107, 178, 169
RGB Percent	42%, 70%, 66%
CMY	0.5804, 0.3020, 0.3373
CMYK	0.40, 0.00, 0.05, 0.30
HSL	172°, 32%, 56%
HSV	172°, 40%, 70%
XYZ	29.1452, 37.8312, 43.3021
YIQ	155.7450, -39.4270, -17.8510

Conversions

Conversions Part 2

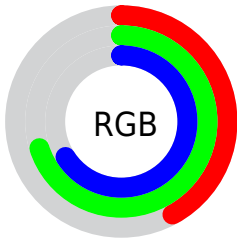
Format	Color
RYB	107, 145, 178
Decimal	7058089
CIELab	67.90, -24.45, -2.43
CIELCh	68, 24.573, 185.674
Yxy	37.8312, 0.2643, 0.3431
Android (android.graphics.Color)	4285248169 (0xFF6BB2A9)
YUV	155.7450, 6.5347, -42.7494
Hunter-Lab	61.5070, -23.0548, 1.3136

Details

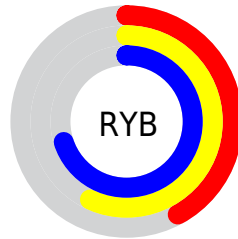
The YUV color **155.7450, 6.5347, -42.7494** is a light color, and the websafe version is hex **669999**. A complement of this color would be **129.2550, -6.5347, 42.7494**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3320, 6.2453, -43.2642**, and **102.5600, 7.1189, -43.4641** is the 20% darker color. If you saturate the color by 10%, you get **150.1350, 8.3144, -53.6154**, and if you desaturate by 10%, it is **161.3550, 4.7550, -31.8833**.

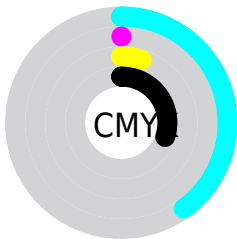
Distribution



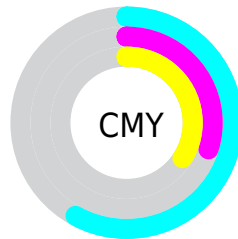
- Red (42%)
- Green (70%)
- Blue (66%)



- Red (42%)
- Yellow (57%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7450, 6.5347, -42.7494 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 155.7450, 6.5347, -42.7494 by changing the saturation by 10% instead.

■ 155.7450, 6.5347,
-42.7494

■ 155.7450, 6.5347,
-42.7494

■ 255.0000, 0.0000,
0.0000

■ 128.8590, 6.9715,
-42.8493

■ 211.3320, 6.2453,
-43.2642

■ 102.5600, 7.1189,
-43.4641

■ 235.3370, 8.7079,
-39.7605

■ 75.7660, 8.0034,
-47.1528

■ 243.9370, 5.4541,
-22.7467

■ 52.4780, 8.1453,
-46.0232

■ 252.6080, 1.1793,
-4.9182

■ 35.8820, 5.4812,
-31.4685

■ 21.7480, 2.0962,
-19.0730

■ 0.0000, 0.0000,

0.0000

■ 155.7450, 6.5347,
-42.7494

■ 155.7450, 6.5347,
-42.7494

■ 150.1350, 8.3144,
-53.6154

■ 161.3550, 4.7550,
-31.8833

■ 144.4110, 9.6574,
-64.3814

■ 167.0790, 3.4121,
-21.1173

■ 139.1000, 11.2897,
-74.6327

■ 172.3900, 1.7797,
-10.8660

■ 133.4900, 13.0694,
-85.4987

■ 178.0000, 0.0000,
0.0000

■ 127.8800, 14.8492,
-96.3648

■ 183.6100, -1.7797,
10.8660

■ 122.1560, 16.1921,
-107.1308

■ 189.3340, -3.1227,
21.6321

■ 194.9440, -4.9024,
32.4981

■ 200.2550, -6.5347,
42.7494

■ 202.2770, -6.5456,
46.2381

Harmonies

Analogous

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



158.2280, -6.0284, -26.5100



155.7450, 6.5347, -42.7494



155.4590, 17.0287, -48.6375

Triad

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



155.7450, 6.5347, -42.7494



167.6860, 16.4238, 5.5374



166.0130, -19.7264, 27.1756

Complementary

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



155.7450, 6.5347, -42.7494



129.2550, -6.5347, 42.7494

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.



167.7890, -13.2070, 36.1420



155.7450, 6.5347, -42.7494



169.4020, 7.1968, 25.0804

Square

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



155.7450, 6.5347, -42.7494



164.3240, 22.0253, -17.8241



168.7210, -3.3135, 36.2017



163.8710, -21.1354, 12.3911

Rectangle

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



155.7450, 6.5347, -42.7494



157.3440, 21.5224, -43.2747



168.7210, -3.3135, 36.2017



166.7900, -18.1375, 30.8792

Sweetspot

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



155.7450, 6.5347, -42.7494



223.2860, 2.8170, -16.9138



151.3680, -21.8734, -31.0177



111.9880, 1.4849, -9.6365



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



155.7450, 6.5347, -42.7494



197.2150, 10.2470, -66.8406



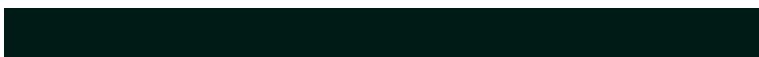
141.5090, 17.9901, -30.2644



86.1950, 0.8899, -5.4330



105.0870, 14.2541, -92.1613



17.7700, 2.0854, -15.5843

Inverse Universe

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



129.2550, -6.5347, 42.7494



155.7850, -10.2470, 66.8406



143.4910, -17.9901, 30.2644



82.8050, -0.8899, 5.4330



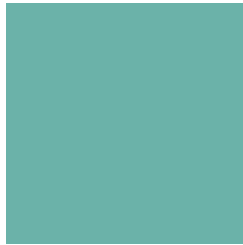
47.9130, -14.2541, 92.1613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 155.7450, 6.5347, -42.7494 looks on a white background.

Color Contrast Check

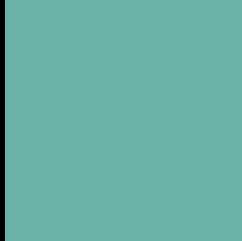
Large Text (above 18pt) WCAG AA × Fail

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 155.7450, 6.5347, -42.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

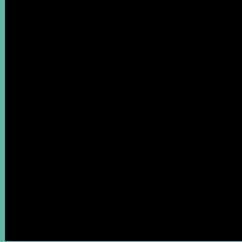
Any Text WCAG AA ✓ Pass

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 155.7450, 6.5347, -42.7494 Background



This preview shows how black text looks on a background with the YUV color 155.7450, 6.5347, -42.7494.

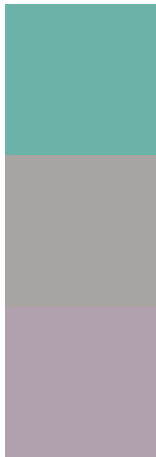


This preview shows how white text looks on a background with the YUV color 155.7450, 6.5347,

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

155.7450, 6.5347, -42.7494

Protanopia

164.8540, -1.9000, 2.7590

Deuteranopia

166.5650, 3.1725, 9.1515



Tritanopia

157.7590, 15.4018, -40.1306

Trichromacy



Original Color

155.7450, 6.5347, -42.7494

Protanomaly

161.5530, 1.2064, -13.6400

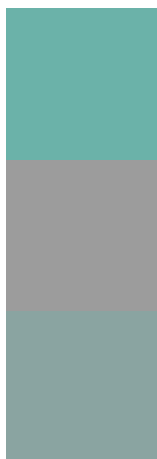
Deuteranomaly

163.0850, 4.3951, -9.7215

Tritanomaly

156.9500, 12.3497, -41.1751

Monochromacy



Original Color

155.7450, 6.5347, -42.7494

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8840, 2.5222, -15.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7450, 6.5347, -42.7494 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(107, 178, 169)` looks like.

```
.text, #text, p{  
    color:rgb(107, 178, 169)  
}
```

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(107, 178, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 178, 169) }
```

Border

The CSS property to change the border of an element to YUV 155.7450, 6.5347, -42.7494 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(107, 178, 169) }
```


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

```
.border{ border-color:rgb(107, 178, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 178, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 178, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 178, 169);  
box-shadow:4px 4px 4px 4px rgb(107, 178,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 155.7450, 6.5347, -42.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 178, 169) }
```

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

```
.background{ background-color: rgb(107,  
178, 169) }
```

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