

Converting Colors

YUV(155.9620, 7.4137,
-44.6937)

Have a look what the booklet for
YUV(155.9620, 7.4137, -44.6937)
contains.

YUV(155.9620, 7.4137, -44.6937)	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(155.9620, 7.4137,
-44.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	69B3AB
RGB	105, 179, 171
RGB Percent	41%, 70%, 67%
CMY	0.5882, 0.2980, 0.3294
CMYK	0.41, 0.00, 0.04, 0.30
HSL	174°, 33%, 56%
HSV	174°, 41%, 70%
XYZ	29.2965, 38.1837, 44.3542
YIQ	155.9620, -41.5360, -18.1760

Conversions

Conversions Part 2

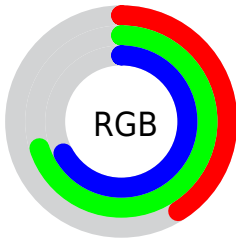
Format	Color
RYB	105, 144, 179
Decimal	6927275
CIELab	68.16, -24.99, -3.16
CIElCh	68, 25.190, 187.213
Yxy	38.1837, 0.2620, 0.3414
Android (android.graphics.Color)	4285117355 (0xFF69B3AB)
YUV	155.9620, 7.4137, -44.6937
Hunter-Lab	61.7930, -23.5096, 0.6975

Details

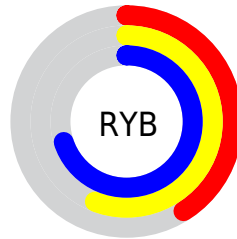
The YUV color **155.9620, 7.4137, -44.6937** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **128.0380, -7.4137, 44.6937**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5490, 7.1243, -45.2085**, and **102.4780, 8.1453, -46.0232** is the 20% darker color. If you saturate the color by 10%, you get **150.3520, 9.1935, -55.5597**, and if you desaturate by 10%, it is **161.5720, 5.6340, -33.8276**.

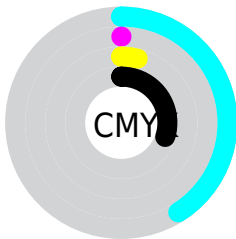
Distribution



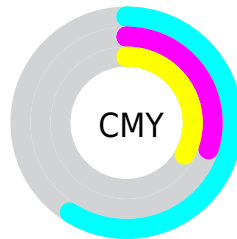
- Red (41%)
- Green (70%)
- Blue (67%)



- Red (41%)
- Yellow (56%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (59%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.9620, 7.4137, -44.6937 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 155.9620, 7.4137, -44.6937 by changing the saturation by 10% instead.

■ 155.9620, 7.4137,
-44.6937

■ 155.9620, 7.4137,
-44.6937

■ 255.0000, 0.0000,
0.0000

■ 129.0760, 7.8505,
-44.7937

■ 211.5490, 7.1243,
-45.2085

■ 102.4780, 8.1453,
-46.0232

■ 234.9670, 9.8763,
-41.1901

■ 75.0860, 9.3246,
-50.9414

■ 243.6380, 5.6015,
-23.3615

■ 52.7060, 9.0189,
-46.2232

■ 252.3090, 1.3267,
-5.5330

■ 36.5830, 5.6286,
-32.0833

■ 22.4490, 2.2436,
-19.6878

■ 0.0000, 0.0000,

0.0000

■ 155.9620, 7.4137,
-44.6937

■ 155.9620, 7.4137,
-44.6937

■ 150.3520, 9.1935,
-55.5597

■ 161.5720, 5.6340,
-33.8276

■ 144.7420, 10.9732,
-66.4257

■ 167.1820, 3.8543,
-22.9616

■ 139.1320, 12.7529,
-77.2918

■ 172.7920, 2.0745,
-12.0956

■ 133.5220, 14.5327,
-88.1578

■ 178.4020, 0.2948,
-1.2296

■ 127.9120, 16.3124,
-99.0238

■ 184.0120, -1.4849,
9.6365

■ 123.3130, 18.0867,
-108.1455

■ 189.3230, -3.1172,
19.8877

■ 194.9330, -4.8970,
30.7538

■ 200.4290, -7.1135,
41.7198

■ 202.7500, -7.2717,
45.8233

Harmonies

Analogous

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



158.4450, -5.1494, -28.4543



155.9620, 7.4137, -44.6937



156.0890, 18.1971, -50.0671

Triad

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



155.9620, 7.4137, -44.6937



168.6970, 16.4184, 7.2817



166.7850, -20.6000, 27.3756

Complementary

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



155.9620, 7.4137, -44.6937



128.0380, -7.4137, 44.6937

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.



167.9740, -13.7912, 36.8568



155.9620, 7.4137, -44.6937



170.0000, 6.9020, 26.3100

Square

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



155.9620, 7.4137, -44.6937



165.1500, 22.6040, -16.7946



169.7920, -4.3345, 37.0164



164.1590, -21.2774, 11.2616

Rectangle

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



155.9620, 7.4137, -44.6937



158.2730, 22.5434, -44.0894



169.7920, -4.3345, 37.0164



166.9750, -18.7217, 31.5939

Sweetspot

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



155.9620, 7.4137, -44.6937



223.2860, 2.8170, -16.9138



151.1290, -22.7416, -32.5621



112.1020, 1.9217, -9.7365



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.



155.9620, 7.4137, -44.6937



195.9480, 11.8576, -70.1144



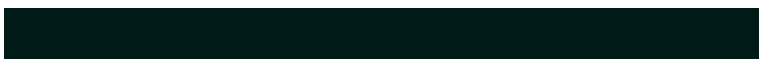
140.4380, 19.0111, -31.0791



86.1950, 0.8899, -5.4330



105.3150, 15.1277, -92.3613



17.8840, 2.5222, -15.6843

Inverse Universe

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



128.0380, -7.4137, 44.6937



152.1660, -11.4208, 70.0144



143.5620, -19.0111, 31.0791



82.8050, -0.8899, 5.4330



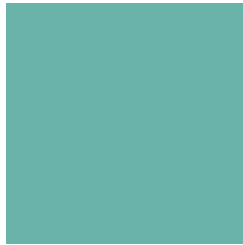
47.6850, -15.1277, 92.3613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 155.9620, 7.4137, -44.6937 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 155.9620, 7.4137, -44.6937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

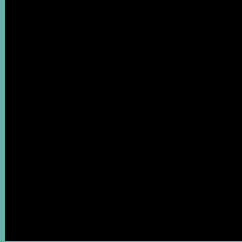
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.9620, 7.4137, -44.6937

Background



This preview shows how black text looks on a background with the YUV color 155.9620, 7.4137, -44.6937.



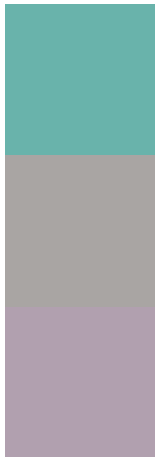
This preview shows how white text looks on a background with the YUV color 155.9620, 7.4137,

-44.6937.

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

155.9620, 7.4137, -44.6937

Protanopia

165.9680, -1.4632, 2.6591

Deuteranopia

166.7930, 4.0461, 8.9515



Tritanopia

157.8620, 15.8440, -41.9750

Trichromacy



Original Color

155.9620, 7.4137, -44.6937

Protanomaly

162.3680, 1.7906, -14.3547

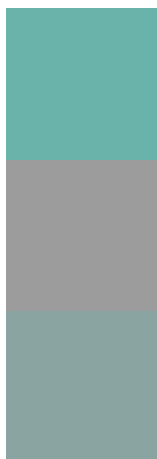
Deuteranomaly

163.0140, 5.4161, -10.5363

Tritanomaly

157.0530, 12.7919, -43.0195

Monochromacy



Original Color

155.9620, 7.4137, -44.6937

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.5850, 2.6696, -16.2990

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.9620, 7.4137, -44.6937 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(105, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(105, 179, 171)  
}
```

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(105, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 179, 171) }
```

Border

The CSS property to change the border of an element to YUV 155.9620, 7.4137, -44.6937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

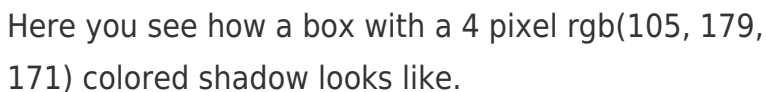
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 179, 171) }
```


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

```
.border{ border-color:rgb(105, 179, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(105, 179,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 155.9620, 7.4137, -44.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 179, 171) }
```

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

```
.background{ background-color: rgb(105,  
179, 171) }
```

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