

Converting Colors

YUV(163.9620, 7.4137,
-44.6937)

Have a look what the booklet for
YUV(163.9620, 7.4137, -44.6937)
contains.

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Color

**YUV(163.9620, 7.4137,
-44.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	71BBB3
RGB	113, 187, 179
RGB Percent	44%, 73%, 70%
CMY	0.5569, 0.2667, 0.2980
CMYK	0.40, 0.00, 0.04, 0.27
HSL	174°, 35%, 59%
HSV	174°, 40%, 73%
XYZ	32.7171, 42.3060, 49.0893
YIQ	163.9620, -41.5360, -18.1760

Conversions

Conversions Part 2

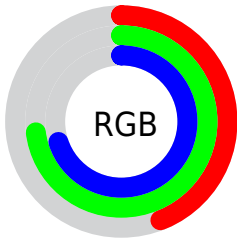
Format	Color
RYB	113, 152, 187
Decimal	7453619
CIELab	71.08, -24.94, -3.22
CIELCh	71, 25.143, 187.352
Yxy	42.3060, 0.2636, 0.3409
Android (android.graphics.Color)	4285643699 (0xFF71BBB3)
YUV	163.9620, 7.4137, -44.6937
Hunter-Lab	65.0431, -24.0388, 0.7828

Details

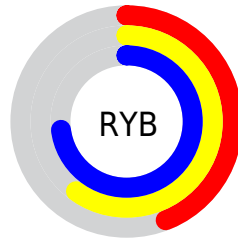
The YUV color **163.9620, 7.4137, -44.6937** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **136.0380, -7.4137, 44.6937**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6630, 7.5611, -45.3085**, and **110.0760, 7.8505, -44.7937** is the 20% darker color. If you saturate the color by 10%, you get **158.0530, 9.3409, -56.1745**, and if you desaturate by 10%, it is **169.8710, 5.4866, -33.2129**.

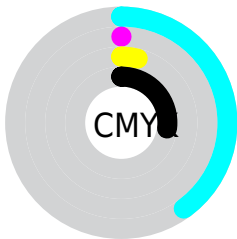
Distribution



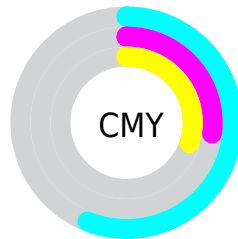
- Red (44%)
- Green (73%)
- Blue (70%)



- Red (44%)
- Yellow (60%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (56%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9620, 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 163.9620, 7.4137, -44.6937 by changing the saturation by 10% instead.

■ 163.9620, 7.4137,
-44.6937

■ 163.9620, 7.4137,
-44.6937

255.0000, 0.0000,
0.0000

■ 136.9620, 7.4137,
-44.6937

■ 219.6630, 7.5611,
-45.3085

■ 110.0760, 7.8505,
-44.7937

■ 237.3590, 8.6970,
-36.2718

■ 83.2820, 8.7350,
-48.4823

■ 246.0300, 4.4222,
-18.4433

■ 57.6130, 10.0508,
-50.5266

■ 41.4900, 6.6604,
-36.3867

■ 26.1820, 3.8543,
-22.9616

■ 6.0640, 2.9264,

-5.3181

■ 0.0000, 0.0000,
0.0000

■ 163.9620, 7.4137,
-44.6937

■ 163.9620, 7.4137,
-44.6937

■ 158.0530, 9.3409,
-56.1745

■ 169.8710, 5.4866,
-33.2129

■ 152.4430, 11.1206,
-67.0405

■ 175.4810, 3.7069,
-22.3468

■ 146.5340, 13.0477,
-78.5213

■ 181.3900, 1.7797,
-10.8660

■ 140.6250, 14.9749,
-90.0021

■ 187.2990, -0.1474,
0.6148

■ 135.0150, 16.7546,
-100.8682

■ 192.9090, -1.9271,
11.4808

■ 129.1060, 18.6817,
-112.3490

■ 198.8180, -3.8543,
22.9616

■ 128.8070, 18.8291,
-112.9637

■ 204.7270, -5.7814,
34.4424

■ 208.2440, -6.5293,
41.0050

■ 208.4720, -5.6557,
40.8051

Harmonies

Analogous

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



166.4450, -5.1494, -28.4543



163.9620, 7.4137, -44.6937



164.0890, 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.



163.9620, 7.4137, -44.6937



176.6970, 16.4184, 7.2817



174.6710, -21.0368, 27.4755

Complementary

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



163.9620, 7.4137, -44.6937



136.0380, -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.



176.1590, -14.3754, 37.5716



163.9620, 7.4137, -44.6937



178.0000, 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.



163.9620, 7.4137, -44.6937



173.1500, 22.6040, -16.7946



177.2050, -4.0451, 37.5312



172.1590, -21.2774, 11.2616

Rectangle

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



163.9620, 7.4137, -44.6937



166.2730, 22.5434, -44.0894



177.2050, -4.0451, 37.5312



174.8610, -19.1585, 31.6939

Sweetspot

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



163.9620, 7.4137, -44.6937



232.9870, 2.9644, -17.5286



159.1290, -22.7416, -32.5621



116.8030, 2.0691, -10.3512



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.



163.9620, 7.4137, -44.6937



206.5460, 11.5628, -68.8848



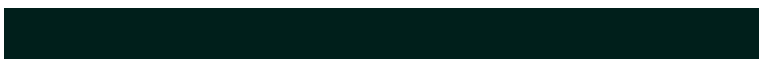
148.4380, 19.0111, -31.0791



91.1950, 0.8899, -5.4330



108.8200, 15.8647, -95.4351



21.2750, 2.8224, -18.6582

Inverse Universe

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



136.0380, -7.4137, 44.6937



163.5680, -11.1260, 68.7849



151.5620, -19.0111, 31.0791



87.8050, -0.8899, 5.4330



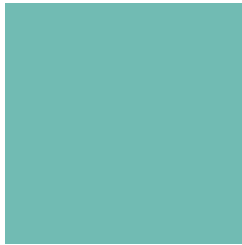
49.1800, -15.8647, 95.4351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 163.9620, 7.4137, -44.6937 looks on a white background.

Color Contrast Check

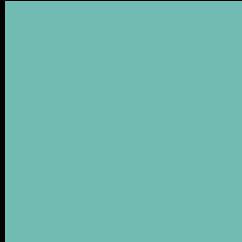
Large Text (above 18pt) WCAG AA × Fail

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 163.9620, 7.4137, -44.6937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

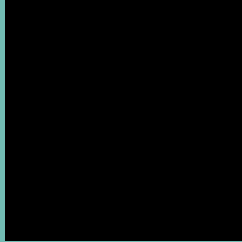
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.9620, 7.4137, -44.6937

Background



This preview shows how black text looks on a background with the YUV color 163.9620, 7.4137, -44.6937.



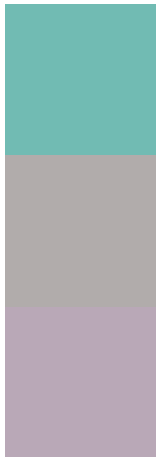
This preview shows how white text looks on a background with the YUV color 163.9620, 7.4137, -44.6937.

-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

163.9620, 7.4137, -44.6937

Protanopia

173.3810, -1.1738, 3.1739

Deuteranopia

174.7930, 4.0461, 8.9515



Tritanopia

165.9760, 16.2808, -42.0750

Trichromacy



Original Color

163.9620, 7.4137, -44.6937

Protanomaly

169.7810, 2.0800, -13.8399

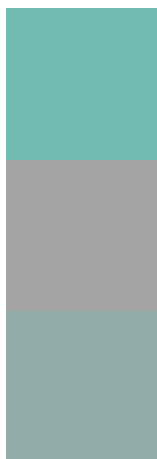
Deuteranomaly

171.0140, 5.4161, -10.5363

Tritanomaly

165.1670, 13.2287, -43.1195

Monochromacy



Original Color

163.9620, 7.4137, -44.6937

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.5850, 2.6696, -16.2990

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9620, 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(113, 187, 179)` looks like.

```
.text, #text, p{  
    color:rgb(113, 187, 179)  
}
```

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(113, 187, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 187, 179) }
```

Border

The CSS property to change the border of an element to YUV 163.9620, 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(113, 187, 179) }
```


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

```
.border{ border-color:rgb(113, 187, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 187, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 187, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 187, 179);  
box-shadow:4px 4px 4px 4px rgb(113, 187,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 163.9620, 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(113, 187, 179) }
```

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

```
.background{ background-color: rgb(113,  
187, 179) }
```

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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