

Converting Colors

YUV(153.5600, 7.1189,
-43.4641)

Have a look what the booklet for
YUV(153.5600, 7.1189, -43.4641)
contains.

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Color

**YUV(153.5600, 7.1189,
-43.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	68B0A8
RGB	104, 176, 168
RGB Percent	41%, 69%, 66%
CMY	0.5922, 0.3098, 0.3412
CMYK	0.41, 0.00, 0.05, 0.31
HSL	173°, 31%, 55%
HSV	173°, 41%, 69%
XYZ	28.3021, 36.8209, 42.6612
YIQ	153.5600, -40.3440, -17.7520

Conversions

Conversions Part 2

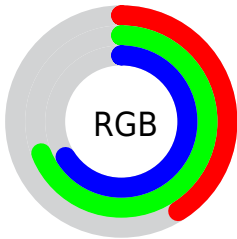
Format	Color
RYB	104, 142, 176
Decimal	6860968
CIELab	67.14, -24.49, -3.00
CIELCh	67, 24.671, 186.983
Yxy	36.8209, 0.2626, 0.3416
Android (android.graphics.Color)	4285051048 (0xFF68B0A8)
YUV	153.5600, 7.1189, -43.4641
Hunter-Lab	60.6802, -22.9354, 0.7923

Details

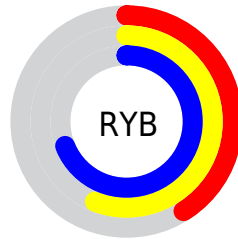
The YUV color **153.5600, 7.1189, -43.4641** is a light color, and the websafe version is hex **669999**. A complement of this color would be **126.4400, -7.1189, 43.4641**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1470, 6.8295, -43.9789**, and **100.3750, 7.7031, -44.1789** is the 20% darker color. If you saturate the color by 10%, you get **147.9500, 8.8986, -54.3302**, and if you desaturate by 10%, it is **159.1700, 5.3392, -32.5981**.

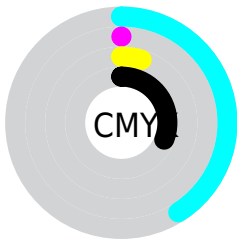
Distribution



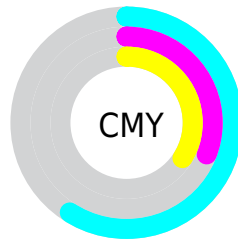
- Red (41%)
- Green (69%)
- Blue (66%)



- Red (41%)
- Yellow (56%)
- Blue (69%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (59%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5600, 7.1189, -43.4641 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 153.5600, 7.1189, -43.4641 by changing the saturation by 10% instead.

■ 153.5600, 7.1189,
-43.4641

■ 153.5600, 7.1189,
-43.4641

■ 255.0000, 0.0000,
0.0000

■ 126.6740, 7.5557,
-43.5641

■ 209.1470, 6.8295,
-43.9789

■ 100.3750, 7.7031,
-44.1789

■ 234.3260, 8.7133,
-41.5049

■ 73.0970, 9.3192,
-49.1971

■ 243.0400, 5.8963,
-24.5911

■ 51.1900, 8.2873,
-44.8936

■ 251.7110, 1.6215,
-6.7625

■ 35.1810, 5.3338,
-30.8537

■ 21.0470, 1.9488,
-18.4582

■ 0.0000, 0.0000,

0.0000

■ 153.5600, 7.1189,
-43.4641

■ 153.5600, 7.1189,
-43.4641

■ 147.9500, 8.8986,
-54.3302

■ 159.1700, 5.3392,
-32.5981

■ 142.6390, 10.5310,
-64.5814

■ 164.4810, 3.7069,
-22.3468

■ 137.0290, 12.3107,
-75.4474

■ 170.0910, 1.9271,
-11.4808

■ 131.7180, 13.9430,
-85.6987

■ 175.4020, 0.2948,
-1.2296

■ 126.1080, 15.7228,
-96.5647

■ 181.0120, -1.4849,
9.6365

■ 121.0960, 17.2077,
-106.2012

■ 186.6220, -3.2646,
20.5025

■ 191.9330, -4.8970,
30.7538

■ 197.5430, -6.6767,
41.6198

■ 200.7610, -7.2772,
47.5676

Harmonies

Analogous

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



156.0430, -5.4442, -27.2247



153.5600, 7.1189, -43.4641



153.5730, 17.4655, -48.7375

Triad

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



153.5600, 7.1189, -43.4641



166.2840, 16.1290, 6.7669



163.8990, -20.1632, 27.2756

Complementary

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



153.5600, 7.1189, -43.4641



126.4400, -7.1189, 43.4641

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.



165.6750, -13.6438, 36.2420



153.5600, 7.1189, -43.4641



167.2880, 6.7600, 25.1804

Square

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



153.5600, 7.1189, -43.4641



162.6230, 21.8779, -17.2094



166.6070, -3.7503, 36.3017



161.8600, -21.1300, 10.6468

Rectangle

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



153.5600, 7.1189, -43.4641



155.7570, 21.8118, -42.7599



166.6070, -3.7503, 36.3017



164.6760, -18.5743, 30.9791

Sweetspot

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



153.5600, 7.1189, -43.4641



221.1720, 2.3802, -16.8138



148.6560, -22.0154, -32.1473



109.9880, 1.4849, -9.6365



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



153.5600, 7.1189, -43.4641



194.7310, 10.9786, -68.1701



138.0360, 18.7163, -29.8496



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.



126.4400, -7.1189, 43.4641



152.2690, -10.9786, 68.1701



141.9640, -18.7163, 29.8496



82.8050, -0.8899, 5.4330



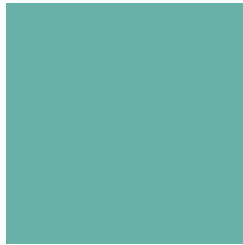
47.6850, -15.1277, 92.3613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 153.5600, 7.1189, -43.4641 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 153.5600, 7.1189, -43.4641 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

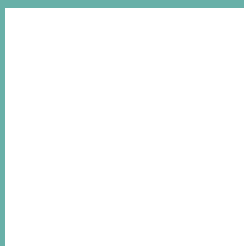
Any Text WCAG AAA ✓ Pass

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

YUV 153.5600, 7.1189, -43.4641 Background



This preview shows how black text looks on a background with the YUV color 153.5600, 7.1189, -43.4641.



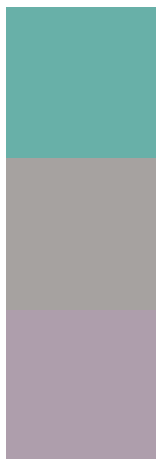
This preview shows how white text looks on a background with the YUV color 153.5600, 7.1189,

-43.4641.

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

153.5600, 7.1189, -43.4641

Protanopia

162.9680, -1.4632, 2.6591

Deuteranopia

164.3800, 3.7567, 8.4367



Tritanopia

155.4600, 15.5492, -40.7454

Trichromacy



Original Color

153.5600, 7.1189, -43.4641

Protanomaly

159.3680, 1.7906, -14.3547

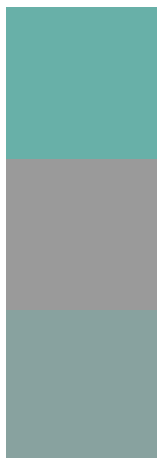
Deuteranomaly

160.9000, 4.9793, -10.4363

Tritanomaly

154.6510, 12.4971, -41.7899

Monochromacy



Original Color

153.5600, 7.1189, -43.4641

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8840, 2.5222, -15.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5600, 7.1189, -43.4641 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(104, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(104, 176, 168)  
}
```

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(104, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 176, 168) }
```

Border

The CSS property to change the border of an element to YUV 153.5600, 7.1189, -43.4641 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(104, 176, 168) }
```


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

```
.border{ border-color:rgb(104, 176, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(104, 176,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 153.5600, 7.1189, -43.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 176, 168) }
```

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

```
.background{ background-color: rgb(104,  
176, 168) }
```

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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