

Converting Colors

YUV(157.9300, 5.9505,
-42.0346)

Have a look what the booklet for
YUV(157.9300, 5.9505, -42.0346)
contains.

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Color

**YUV(157.9300, 5.9505,
-42.0346)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB4AA
RGB	110, 180, 170
RGB Percent	43%, 71%, 67%
CMY	0.5686, 0.2941, 0.3333
CMYK	0.39, 0.00, 0.06, 0.29
HSL	171°, 32%, 57%
HSV	171°, 39%, 71%
XYZ	30.0074, 38.8598, 43.9493
YIQ	157.9300, -38.5100, -17.9500

Conversions

Conversions Part 2

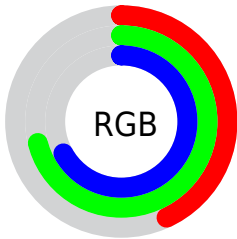
Format	Color
RYB	110, 148, 180
Decimal	7255210
CIELab	68.65, -24.41, -1.86
CIELCh	69, 24.479, 184.356
Yxy	38.8598, 0.2660, 0.3445
Android (android.graphics.Color)	4285445290 (0xFF6EB4AA)
YUV	157.9300, 5.9505, -42.0346
Hunter-Lab	62.3376, -23.1666, 1.8356

Details

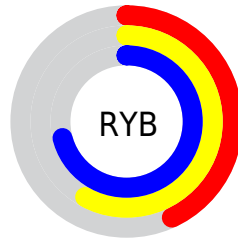
The YUV color **157.9300, 5.9505, -42.0346** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **132.0700, -5.9505, 42.0346**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5170, 5.6611, -42.5494**, and **104.7450, 6.5347, -42.7494** is the 20% darker color. If you saturate the color by 10%, you get **152.2060, 7.2934, -52.8007**, and if you desaturate by 10%, it is **163.6540, 4.6076, -31.2686**.

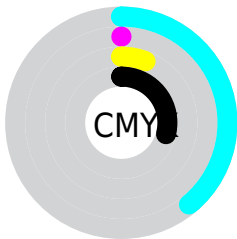
Distribution



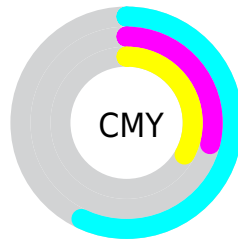
- Red (43%)
- Green (71%)
- Blue (67%)



- Red (43%)
- Yellow (58%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (57%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.9300, 5.9505, -42.0346 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 157.9300, 5.9505, -42.0346 by changing the saturation by 10% instead.

■ 157.9300, 5.9505,
-42.0346

■ 157.9300, 5.9505,
-42.0346

■ 255.0000, 0.0000,
0.0000

■ 131.0440, 6.3873,
-42.1346

■ 213.5170, 5.6611,
-42.5494

■ 104.7450, 6.5347,
-42.7494

■ 236.3480, 8.7024,
-38.0162

■ 78.5490, 7.1243,
-45.2085

■ 244.8340, 5.0118,
-20.9024

■ 53.1790, 8.2928,
-46.6380

■ 253.8040, 0.5896,
-2.4591

■ 37.1700, 5.3392,
-32.5981

■ 22.4490, 2.2436,
-19.6878

■ 0.0000, 0.0000,

0.0000

■ 157.9300, 5.9505,
-42.0346

■ 157.9300, 5.9505,
-42.0346

■ 152.2060, 7.2934,
-52.8007

■ 163.6540, 4.6076,
-31.2686

■ 146.5960, 9.0732,
-63.6667

■ 169.2640, 2.8278,
-20.4025

■ 140.8720, 10.4161,
-74.4327

■ 174.9880, 1.4849,
-9.6365

■ 135.2620, 12.1958,
-85.2988

■ 180.5980, -0.2948,
1.2296

■ 129.5380, 13.5388,
-96.0648

■ 186.3220, -1.6377,
11.9956

■ 123.9280, 15.3185,
-106.9309

■ 191.9320, -3.4175,
22.8616

■ 123.2160, 15.1765,
-108.0604

■ 197.6560, -4.7604,
33.6277

■ 203.3800, -6.1033,
44.3937

■ 203.9070, -5.3772,
44.8086

Harmonies

Analogous

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



160.5270, -6.1758, -25.8952



157.9300, 5.9505, -42.0346



157.7580, 16.8813, -48.0228

Triad

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



157.9300, 5.9505, -42.0346



170.0880, 16.7186, 4.3078



168.3120, -19.8738, 27.7904

Complementary

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



157.9300, 5.9505, -42.0346



132.0700, -5.9505, 42.0346

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.



169.9030, -12.7702, 36.0421



157.9300, 5.9505, -42.0346



171.2170, 7.7810, 24.3657

Square

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



157.9300, 5.9505, -42.0346



166.0250, 22.1727, -18.4389



170.5360, -2.7292, 35.4869



166.1700, -21.2828, 13.0059

Rectangle

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



157.9300, 5.9505, -42.0346



159.9310, 21.2330, -43.7895



170.5360, -2.7292, 35.4869



168.5020, -17.9955, 32.0087

Sweetspot

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



157.9300, 5.9505, -42.0346



225.8730, 2.5276, -17.4286



154.0800, -21.7314, -29.8882



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.



157.9300, 5.9505, -42.0346



199.9870, 9.3734, -66.6406



144.3950, 17.5533, -30.1644



86.1950, 0.8899, -5.4330



104.7450, 12.9437, -91.8614



17.7700, 2.0854, -15.5843

Inverse Universe

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



132.0700, -5.9505, 42.0346



159.0130, -9.3734, 66.6406



145.6050, -17.5533, 30.1644



82.9190, -0.4531, 5.3330



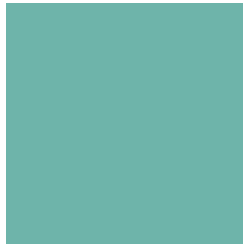
48.2550, -12.9437, 91.8614



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 157.9300, 5.9505, -42.0346 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 157.9300, 5.9505, -42.0346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

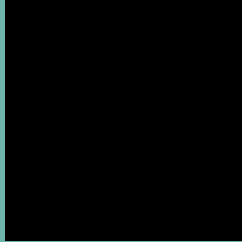
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.9300, 5.9505, -42.0346

Background



This preview shows how black text looks on a background with the YUV color 157.9300, 5.9505, -42.0346.

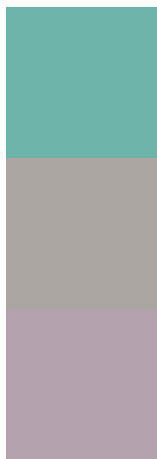


This preview shows how white text looks on a background with the YUV color 157.9300, 5.9505,

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

157.9300, 5.9505, -42.0346

Protanopia

167.0390, -2.4842, 3.4738

Deuteranopia

168.7500, 2.5882, 9.8663



Tritanopia

160.0580, 15.2544, -39.5159

Trichromacy



Original Color

157.9300, 5.9505, -42.0346

Protanomaly

163.7380, 0.6222, -12.9252

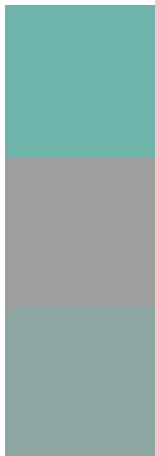
Deuteranomaly

165.2700, 3.8109, -9.0068

Tritanomaly

159.1350, 11.7654, -40.4604

Monochromacy



Original Color

157.9300, 5.9505, -42.0346

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.9300, 5.9505, -42.0346 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(110, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(110, 180, 170)  
}
```

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(110, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 180, 170) }
```

Border

The CSS property to change the border of an element to YUV 157.9300, 5.9505, -42.0346 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(110, 180, 170) }
```


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

```
.border{ border-color:rgb(110, 180, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(110, 180,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 157.9300, 5.9505, -42.0346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 180, 170) }
```

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

```
.background{ background-color: rgb(110,  
180, 170) }
```

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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