

Converting Colors

YUV(159.5700, -28.3820,
-43.4729)

Have a look what the booklet for
YUV(159.5700, -28.3820, -43.4729)
contains.

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Color

**YUV(159.5700, -28.3820,
-43.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC466
RGB	110, 196, 102
RGB Percent	43%, 77%, 40%
CMY	0.5686, 0.2314, 0.6000
CMYK	0.44, 0.00, 0.48, 0.23
HSL	115°, 44%, 58%
HSV	115°, 48%, 77%
XYZ	28.5686, 43.7542, 19.5100
YIQ	159.5700, -21.0820, -47.4660

Conversions

Conversions Part 2

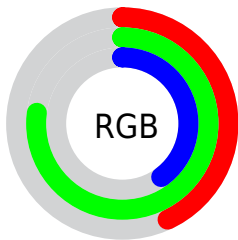
Format	Color
RYB	102, 196, 188
Decimal	7259238
CIELab	72.06, -44.66, 39.08
CIELCh	72, 59.342, 138.809
Yxy	43.7542, 0.3111, 0.4765
Android (android.graphics.Color)	4285449318 (0xFF6EC466)
YUV	159.5700, -28.3820, -43.4729
Hunter-Lab	66.1469, -38.6636, 28.8153

Details

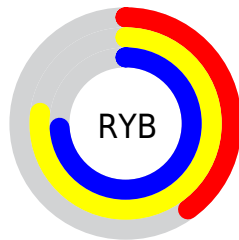
The YUV color **159.5700, -28.3820, -43.4729** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **138.4300, 28.3820, 43.4729**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8150, -29.9818, -43.6878**, and **104.5420, -25.9032, -45.2023** is the 20% darker color. If you saturate the color by 10%, you get **151.9080, -34.4646, -52.5393**, and if you desaturate by 10%, it is **167.2320, -22.2994, -34.4065**.

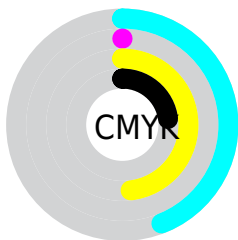
Distribution



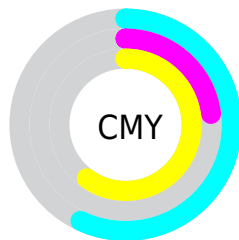
- Red (43%)
- Green (77%)
- Blue (40%)



- Red (40%)
- Yellow (77%)
- Blue (74%)



- Cyan (44%)
- Magenta (0%)
- Yellow (48%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5700, -28.3820, -43.4729 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 159.5700, -28.3820, -43.4729 by changing the saturation by 10% instead.

■ 159.5700,
-28.3820, -43.4729

■ 159.5700,
-28.3820, -43.4729

■ 255.0000, 0.0000,
0.0000

■ 131.9120,
-27.0716, -43.7728

■ 215.8150,
-29.9818, -43.6878

■ 104.5420,
-25.9032, -45.2023

■ 228.7380,
-23.0418, -29.5882

■ 75.9650, -24.1397,
-50.8353

■ 240.6010,
-15.0863, -14.5591

■ 52.8300, -26.0452,
-46.3319

■ 252.5780, -6.6940,
0.3701

■ 38.7420, -19.0998,
-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 159.5700,
-28.3820, -43.4729

■ 159.5700,
-28.3820, -43.4729

■ 151.9080,
-34.4646, -52.5393

■ 167.2320,
-22.2994, -34.4065

■ 144.3600,
-40.1105, -61.7057

■ 174.7800,
-16.6535, -25.2401

■ 136.6980,
-46.1931, -70.7721


■ 182.4420,
-10.5709, -16.1736

■ 129.1500,
-51.8389, -79.9385


■ 189.9900, -4.9251,
-7.0072


■ 121.4880,
-57.9216, -89.0050


■ 197.6520, 1.1576,
2.0592

 120.1350,
-59.2266, -90.4494

 205.3140, 7.2402,
11.1256

 212.8620, 12.8860,
20.2920

 219.7690, 17.3689,
29.1436

 220.3670, 17.0741,
30.3731

Harmonies

Analogous

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



167.6720, -49.6313, 5.5497



159.5700, -28.3820, -43.4729



136.1300, 8.8099, -119.3860

Triad

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



159.5700, -28.3820, -43.4729



139.4260, 56.9780, -122.2766



169.0850, -11.8739, 75.3475

Complementary

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



159.5700, -28.3820, -43.4729



138.4300, 28.3820, 43.4729

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.



175.8280, 11.4238, 69.4338



159.5700, -28.3820, -43.4729



171.9160, 40.9604, -24.4823

Square

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



159.5700, -28.3820, -43.4729



145.8830, 53.7947, -127.9394



181.9390, 33.0611, 36.0105



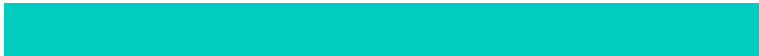
173.0050, -37.4705, 71.9096

Rectangle

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



159.5700, -28.3820, -43.4729



141.6360, 24.8295, -124.2148



181.9390, 33.0611, 36.0105



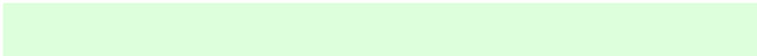
169.9630, -3.4328, 74.5774

Sweetspot

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



159.5700, -28.3820, -43.4729



241.0290, -10.8603, -16.6884



180.0010, -38.4545, 14.0311



119.5120, -6.6614, -10.0960



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



159.5700, -28.3820, -43.4729



197.7630, -44.7462, -68.1982



161.5100, -10.6044, -52.1903



93.1690, -3.0413, -4.5332



98.6930, -48.6556, -74.2758



20.2680, -9.9921, -15.1440

Inverse Universe

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



138.4300, 28.3820, 43.4729



164.2370, 44.7462, 68.1982



136.4900, 10.6044, 52.1903



90.8310, 3.0413, 4.5332



62.3070, 48.6556, 74.2758



12.7320, 9.9921, 15.1440

Previews

White Background



This preview shows how the YUV color 159.5700, -28.3820, -43.4729 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 159.5700, -28.3820, -43.4729 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 159.5700, -28.3820, -43.4729 Background



This preview shows how black text looks on a background with the YUV color 159.5700, -28.3820, -43.4729.



This preview shows how white text looks on a background with the YUV color 159.5700, -28.3820, -43.4729.

-43.4729.

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

159.5700, -28.3820, -43.4729

Protanopia

171.8490, -37.8866, 18.5494

Deuteranopia

174.4300, -32.2570, 32.9489



Tritanopia

169.9660, 14.8068, -35.9272

Trichromacy



Original Color

159.5700, -28.3820, -43.4729

Protanomaly

167.3300, -34.1797, -3.7974

Deuteranomaly

168.8950, -31.0072, 5.3541

Tritanomaly

166.1170, -1.0437, -38.6906

Monochromacy



Original Color

159.5700, -28.3820, -43.4729

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8550, -10.2815, -15.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5700, -28.3820, -43.4729 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, 196, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 196, 102)  
}
```

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, 196, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 196, 102) }
```

Border

The CSS property to change the border of an element to YUV 159.5700, -28.3820, -43.4729 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, 196, 102) }
```


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

```
.border{ border-color:rgb(110, 196, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 196, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 196, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 196, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 196,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 159.5700, -28.3820, -43.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 196, 102) }
```

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

```
.background{ background-color: rgb(110,  
196, 102) }
```

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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