

Converting Colors

YUV(171.2540, -8.9992,
-53.7198)

Have a look what the booklet for
YUV(171.2540, -8.9992, -53.7198)
contains.

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Color

**YUV(171.2540, -8.9992,
-53.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	6ECE99
RGB	110, 206, 153
RGB Percent	43%, 81%, 60%
CMY	0.5686, 0.1922, 0.4000
CMYK	0.47, 0.00, 0.26, 0.19
HSL	147°, 49%, 62%
HSV	147°, 47%, 81%
XYZ	34.2515, 49.7575, 37.9359
YIQ	171.2540, -40.2030, -36.8350

Conversions

Conversions Part 2

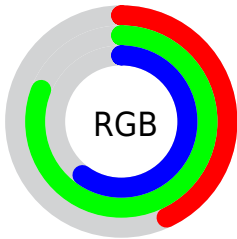
Format	Color
RYB	110, 176, 206
Decimal	7261849
CIELab	75.92, -40.40, 17.75
CIELCh	76, 44.126, 156.280
Yxy	49.7575, 0.2809, 0.4080
Android (android.graphics.Color)	4285451929 (0xFF6ECE99)
YUV	171.2540, -8.9992, -53.7198
Hunter-Lab	70.5390, -36.7694, 17.4911

Details

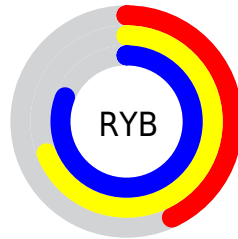
The YUV color **171.2540, -8.9992, -53.7198** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **144.7460, 8.9992, 53.7198**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.9170, -7.8471, -49.9162**, and **116.1120, -6.9572, -55.3492** is the 20% darker color. If you saturate the color by 10%, you get **163.7210, -10.7085, -65.5303**, and if you desaturate by 10%, it is **178.7870, -7.2900, -41.9092**.

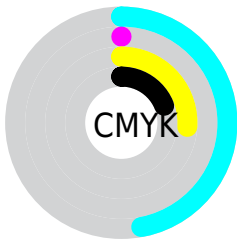
Distribution



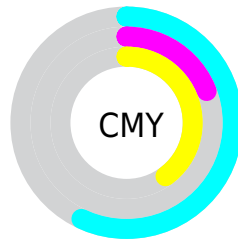
- Red (43%)
- Green (81%)
- Blue (60%)



- Red (43%)
- Yellow (69%)
- Blue (81%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (19%)



- Cyan (57%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2540, -8.9992, -53.7198 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 171.2540, -8.9992, -53.7198 by changing the saturation by 10% instead.

■ 171.2540, -8.9992,
-53.7198

■ 171.2540, -8.9992,
-53.7198

255.0000, 0.0000,
0.0000

■ 143.4820, -8.1256,
-53.9197

■ 222.9170, -7.8471,
-49.9162

■ 116.1120, -6.9572,
-55.3492

■ 234.8940, 0.5453,
-34.9870

■ 86.7520, -4.3147,
-62.9265

■ 245.7310, 4.5696,
-19.0581

■ 64.2690, -5.0626,
-56.3639

254.7010, 0.1474,
-0.6148

■ 47.2000, -7.0006,
-41.3944

■ 31.1910, -9.9542,
-27.3545

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 171.2540, -8.9992,
-53.7198

■ 171.2540, -8.9992,
-53.7198

■ 163.7210,
-10.7085, -65.5303

■ 178.7870, -7.2900,
-41.9092

■ 156.3730,
-13.0019, -76.6261

■ 186.1350, -4.9966,
-30.8134

■ 148.8400,
-14.7111, -88.4367

■ 193.6680, -3.2873,
-19.0028

■ 141.6060,
-16.5678, -99.6325

■ 200.9020, -1.4307,
-7.8071

■ 133.9590,
-18.7138, -111.3430

■ 208.5490, 0.7153,
3.9035

■ 131.4100,
-19.4291, -115.2466

■ 216.0820, 2.4246,
15.7141

■ 223.4300, 4.7180,
26.8099

■ 224.9830, 9.3754,
26.3249

■ 226.2370, 14.1802,
25.2252

Harmonies

Analogous

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



178.6320, -28.9056, -15.4633



171.2540, -8.9992, -53.7198



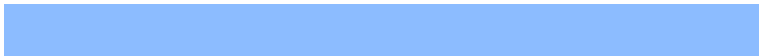
155.6770, 19.3862, -104.9567

Triad

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



171.2540, -8.9992, -53.7198



181.2860, 36.3410, -36.2078



186.2390, -22.3028, 60.3034

Complementary

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



171.2540, -8.9992, -53.7198



144.7460, 8.9992, 53.7198

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.



187.7500, -3.8207, 58.9783



171.2540, -8.9992, -53.7198



191.0900, 30.5216, 10.4451

Square

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



171.2540, -8.9992, -53.7198



162.6160, 45.5453, -95.2562



192.3690, 14.1151, 46.1574



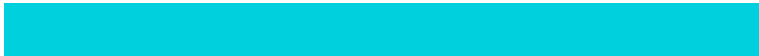
186.1930, -36.0841, 47.1887

Rectangle

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



171.2540, -8.9992, -53.7198



147.4040, 36.7758, -129.2733



192.3690, 14.1151, 46.1574



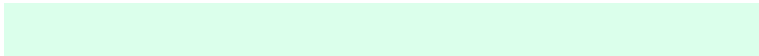
185.8460, -16.1931, 60.6481

Sweetspot

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



171.2540, -8.9992, -53.7198



241.9560, -3.4293, -20.1324



182.4980, -35.7415, -16.2227



120.0540, -1.9986, -12.3254



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.



171.2540, -8.9992, -53.7198



203.2370, -13.4278, -80.0148



176.6120, 11.5303, -58.4187



98.3260, -1.1467, -5.5479



105.8780, -15.7159, -92.8550



24.2440, -3.5713, -21.2620

Inverse Universe

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



144.7460, 8.9992, 53.7198



163.7630, 13.4278, 80.0148



139.3880, -11.5303, 58.4187



95.5600, 0.7099, 5.6479



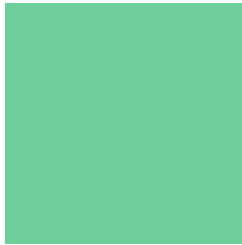
60.1220, 15.7159, 92.8550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 171.2540, -8.9992, -53.7198 looks on a white background.

Color Contrast Check

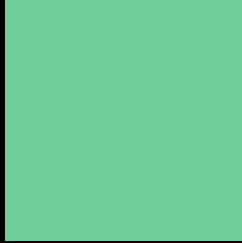
Large Text (above 18pt) WCAG AA × Fail

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 171.2540, -8.9992, -53.7198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

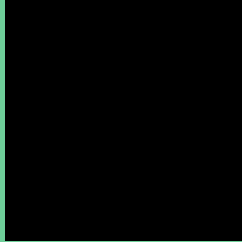
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.2540, -8.9992, -53.7198

Background



This preview shows how black text looks on a background with the YUV color 171.2540, -8.9992, -53.7198.



This preview shows how white text looks on a background with the YUV color 171.2540, -8.9992, -53.7198.

-53.7198.

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

171.2540, -8.9992, -53.7198

Protanopia

185.0990, -20.2618, 12.1912

Deuteranopia

187.1850, -13.8952, 23.5168



Tritanopia

177.9970, 17.7495, -46.4784

Trichromacy



Original Color

171.2540, -8.9992, -53.7198



Protanomaly

179.9820, -16.2601, -11.3852



Deuteranomaly

181.4650, -12.0612, -4.7928



Tritanomaly

175.7550, 8.0088, -48.8971

Monochromacy



Original Color

171.2540, -8.9992, -53.7198



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.2550, -3.5767, -19.5176

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2540, -8.9992, -53.7198 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, 206, 153)` looks like.

```
.text, #text, p{  
    color:rgb(110, 206, 153)  
}
```

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, 206, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 206, 153) }
```

Border

The CSS property to change the border of an element to YUV 171.2540, -8.9992, -53.7198 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, 206, 153) }
```


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

```
.border{ border-color:rgb(110, 206, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 206, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 206, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 206, 153);  
box-shadow:4px 4px 4px 4px rgb(110, 206,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 171.2540, -8.9992, -53.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 206, 153) }
```

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

```
.background{ background-color: rgb(110,  
206, 153) }
```

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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